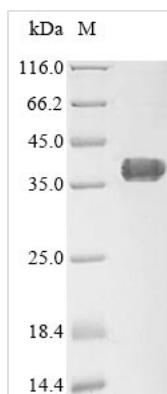




# Recombinant Human Type-1 angiotensin II receptor-associated protein (AGTRAP)

|                          |                                                                                                                                                                                                                                                                                                                |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Code</b>      | CSB-CF744194HU                                                                                                                                                                                                                                                                                                 |
| <b>Relevance</b>         | Appears to be a negative regulator of type-1 angiotensin II receptor-mediated signaling by regulating receptor internalisation as well as mechanism of receptor desensitization such as phosphorylation. Induces also a decrease in cell proliferation and angiotensin II-stimulated transcriptional activity. |
| <b>Abbreviation</b>      | Recombinant Human AGTRAP protein                                                                                                                                                                                                                                                                               |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.                                |
| <b>Uniprot No.</b>       | Q6RW13                                                                                                                                                                                                                                                                                                         |
| <b>Product Type</b>      | Transmembrane Protein                                                                                                                                                                                                                                                                                          |
| <b>Immunogen Species</b> | Homo sapiens (Human)                                                                                                                                                                                                                                                                                           |
| <b>Purity</b>            | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                    |
| <b>Sequence</b>          | MELPAVNLKVILLGHWLLTTWGCIVFSGSYAWANFTILALGVWAVAQRDSIDAI<br>SMFLGGLLATIFLDIVHISIFYPRVSLTDTGRFGVGMAILSLLLKPLSCCFVYHMY<br>RERGGELLVHTGFLGSSQDRSAYQTIDSAEAPADPFAPVPEGRSQDARGY                                                                                                                                       |
| <b>Research Area</b>     | Cardiovascular                                                                                                                                                                                                                                                                                                 |
| <b>Source</b>            | in vitro E.coli expression system                                                                                                                                                                                                                                                                              |
| <b>Target Names</b>      | AGTRAP                                                                                                                                                                                                                                                                                                         |
| <b>Protein Names</b>     | AT1 receptor-associated protein ATRAP                                                                                                                                                                                                                                                                          |
| <b>Expression Region</b> | 1-159aa                                                                                                                                                                                                                                                                                                        |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.                                                                                                                                                                                                            |
| <b>Tag Info</b>          | N-terminal 10xHis-SUMO-tagged and C-terminal Myc-tagged                                                                                                                                                                                                                                                        |
| <b>Mol. Weight</b>       | 37.4 kDa                                                                                                                                                                                                                                                                                                       |
| <b>Protein Length</b>    | Full Length                                                                                                                                                                                                                                                                                                    |
| <b>Image</b>             |                                                                                                                                                                                                                                                                                                                |



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

### Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

### Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.