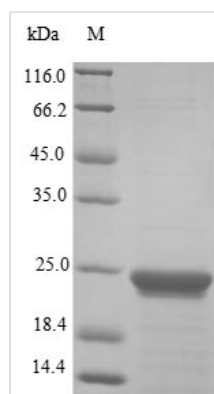




Recombinant Human Peptidyl-prolyl cis-trans isomerase A (PPIA)

| | |
|--------------------------|---|
| Product Code | CSB-EP351810HU |
| Abbreviation | Recombinant Human PPIA protein |
| Storage | 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. |
| Uniprot No. | P62937 |
| Product Type | Recombinant Protein |
| Immunogen Species | Homo sapiens (Human) |
| Purity | Greater than 85% as determined by SDS-PAGE. |
| Sequence | MVNPTVFFDIAVDGEPLGRVVSFELFADKVPKTAENFRALSTGEKGFGYKGSCHF HRIIPGFMCQGGDFTRHNGTGGKSIYGEKFEDENFILKHTGPGILSMANAGPN TNGSQFFICTAKTEWLDGKHVVFQKVKEGMNIVEAMERFGSRNGKTSKKTIA DCGQLE |
| Research Area | Immunology |
| Source | E.coli |
| Target Names | PPIA |
| Expression Region | 1-165aa |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | N-terminal 10xHis-tagged and C-terminal Myc-tagged |
| Mol. Weight | 23.0 kDa |
| Protein Length | Full Length |

Image



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

Description



The Recombinant Human PPIA is an essential research tool for scientists investigating the role of Peptidyl-prolyl cis-trans isomerase A in immunology. This protein, also known as PPlase A, Cyclophilin A, Cyclosporin A-binding protein, and Rotamase A, is involved in various cellular processes and is crucial for understanding the complexities of the immune system.

Our Recombinant Human PPIA is a full-length protein (1-165aa) expressed in E. coli, ensuring a consistent and reliable source for your research needs. The protein features an N-terminal 10xHis-tag and a C-terminal Myc-tag, allowing for straightforward purification and detection. With a purity greater than 85% as determined by SDS-PAGE, and available in both liquid and lyophilized powder forms, this high-quality recombinant protein delivers the precision and performance necessary for your immunology research.

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.