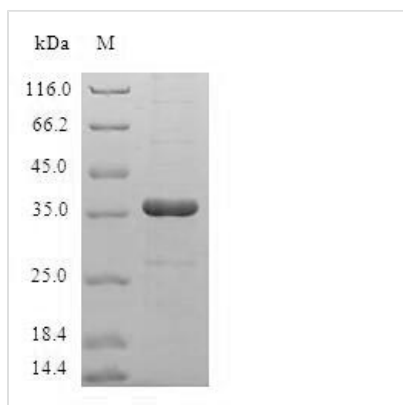




Recombinant Human Ragulator complex protein LAMTOR5(LAMTOR5)

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|--------------------------|---|
| Product Code | CSB-EP010161HU |
| Relevance | As part of the Ragulator complex it is involved in amino acid sensing and activation of mTORC1, a signaling complex promoting cell growth in response to growth factors, energy levels, and amino acids. Activated by amino acids through a mechanism involving the lysosomal V-ATPase, the Ragulator functions as a guanine nucleotide exchange factor activating the small GTPases Rag. Activated Ragulator and Rag GTPases function as a scaffold recruiting mTORC1 to lysosomes where it is in turn activated. When complexed to BIRC5, interferes with apoptosome assembly, preventing recruitment of pro-caspase-9 to oligomerized APAF1, thereby selectively suppressing apoptosis initiated via the mitochondrial/cytochrome c pathway. Down-regulates hepatitis B virus (HBV) replication. |
| Abbreviation | Recombinant Human HBXIP 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. | O43504 |
| Product Type | Recombinant Proteins |
| Immunogen Species | Homo sapiens (Human) |
| Purity | Greater than 90% as determined by SDS-PAGE. |
| Sequence | MEATLEQHLIEDTMKNPSIVGVLC TDSQGLNLGCRGTL SDEHAGVISVLAQQAA KLTSDPTDIPVVCLESDNGNIMI QKH DGITVAVHKMAS |
| Research Area | Cell Biology |
| Source | E.coli |
| Target Names | LAMTOR5 |
| Protein Names | Recommended name: Hepatitis B virus X-interacting protein Short name= HBV X-interacting protein Short name= HBX-interacting protein |
| Expression Region | 1-91aa |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | N-terminal GST-tagged |
| Mol. Weight | 36.6kDa |
| Protein Length | Full Length |
| Image | |



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

Shelf Life

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