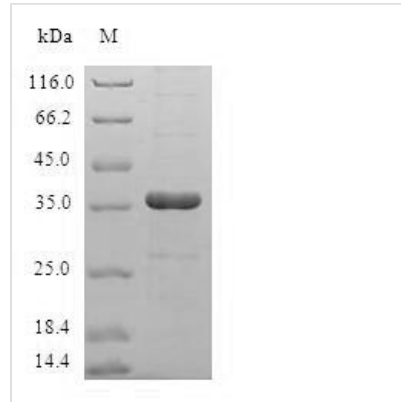




# Recombinant Human Ragulator complex protein LAMTOR5(LAMTOR5)

<b>Product Code</b>	CSB-EP010161HU
<b>Relevance</b>	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.
<b>Abbreviation</b>	Recombinant Human HBXIP 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>	O43504
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥ 90% as determined by SDS-PAGE.
<b>Sequence</b>	MEATLEQHLEDTMKNPSIVGVLC TDSQGLNLGCRGTL SDEHAGVISVLAQQAA KLTSDPTDIPVVCLESDNGNIMI QKHDGITVAVHKMAS
<b>Research Area</b>	Cell Biology
<b>Source</b>	E.coli
<b>Target Names</b>	LAMTOR5
<b>Protein Names</b>	Recommended name: Hepatitis B virus X-interacting protein Short name= HBV X-interacting protein Short name= HBX-interacting protein
<b>Expression Region</b>	1-91aa
<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 GST-tagged
<b>Mol. Weight</b>	36.6kDa
<b>Protein Length</b>	Full Length
<b>Image</b>	



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

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