



# Recombinant Human Ragulator complex protein LAMTOR2 (LAMTOR2)

<b>Product Code</b>	CSB-BP897094HU
<b>Abbreviation</b>	LAMTOR2
<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>	Q9Y2Q5
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MLRPKALTQV LSQANTGGVQ STLLLNEGS LLAYSGYGDT DARVTAIIAS NIWAAYDRNG NQAFNEDNLK FILMDCMEGR VAITRVANLL LCMYAKETVG FGMLKAKAQA LVQYLEEPLT QVAAS
<b>Source</b>	Baculovirus
<b>Target Names</b>	LAMTOR2
<b>Protein Names</b>	Recommended name: Ragulator complex protein LAMTOR2 Alternative name(s): Endosomal adaptor protein p14 Late endosomal/lysosomal Mp1-interacting protein Late endosomal/lysosomal adaptor and MAPK and MTOR activator 2 Mitogen-activated pr
<b>Expression Region</b>	1-125
<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>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	The product of this gene is highly conserved with a mouse protein associated with the cytoplasmic face of late endosomes and lysosomes. The mouse protein interacts with MAPK scaffold protein 1, a component of the mitogen-activated protein kinase pathway. In humans, a mutation in this gene has been associated with a primary immunodeficiency syndrome, and suggests a role for this protein in endosomal biogenesis. Multiple transcript variants encoding different isoforms have been found for this gene.
<b>Reconstitution</b>	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

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