Recombinant Human Ragulator complex protein LAMTOR2 (LAMTOR2)

Product Code	CSB-EP897094HU
Abbreviation	LAMTOR2
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.	Q9Y2Q5
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MLRPKALTQV LSQANTGGVQ STLLLNNEGS LLAYSGYGDT DARVTAAIAS NIWAAYDRNG NQAFNEDNLK FILMDCMEGR VAITRVANLL LCMYAKETVG FGMLKAKAQA LVQYLEEPLT QVAAS
Source	E.coli
Target Names	LAMTOR2
Protein Names	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
Expression Region	1-125
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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.
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.

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