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32-4091: Recombinant Human LAMTOR2

Alternative Name :	Ragulator complex protein LAMTOR2,Endosomal adaptor protein p14,Late endosomal/lysosomal Mp1-interacting protein,Late endosomal/lysosomal adaptor,MAPK,MTOR activator 2,Mitogen-activated protein-binding protein-interacting protein,Roadblock dom

Description

Source : Escherichia Coli. LAMTOR2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 148 amino acids (1-125 a.a) and having a molecular mass of 15.9kDa.LAMTOR2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. LAMTOR2 is a member of the GAMAD family. LAMTOR2 is highly conserved with a mouse protein linked with the cytoplasmic face of late endosomes and lysosomes. The mouse protein interacts with MAPK scaffold protein 1, which is a component of the mitogen-activated protein kinase pathway. LAMTOR2 gene mutation has been associated with a primary immunodeficiency syndrome in humans, proposing a role for this protein in endosomal biogenesis.

Product Info

Amount :	10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	LAMTOR2 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMLRPKAL TQVLSQANTG GVQSTLLLNN EGSLLAYSGY GDTDARVTAA IASNIWAAYD RNGNQAFNED NLKFILMDCM EGRVAITRVA NLLLCMYAKE TVGFGMLKAK AQALVQYLEE PLTQVAAS.

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