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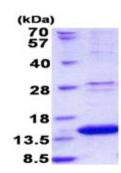
## AR50891PU-S Human ROBLD3 (1-125, His-tag) - Purified

Alternate names:	Endosomal adaptor protein p14, HSPC003, Late endosomal/lysosomal Mp1-interacting protein, MAPBPIP, Mitogen-activated protein-binding protein- interacting protein, Roadblock domain-containing protein 3
Quantity:	50 µg
Concentration:	0.25 mg/ml (determined by Bradford assay)
Background:	LAMTOR2 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.
Uniprot ID:	<u>09Y2Q5</u>
NCBI:	<u>NP_054736</u>
GenelD:	<u>28956</u>
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT
Description:	Recombinant human LAMTOR2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHHH SSGLVPRGSH MGSMLRPKAL TQVLSQANTG GVQSTLLLNN EGSLLAYSGY GDTDARVTAA IASNIWAAYD RNGNQAFNED NLKFILMDCM EGRVAITRVA NLLLCMYAKE TVGFGMLKAK AQALVQYLEE PLTQVAAS Molecular weight: 15.9 kDa (148aa) confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Bohn G., et al. (2007) Nat. Med. 13:38-45Sancak Y., et al. (2010) Cell. 141:290-303

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MP/20130116

**Pictures:** 



15% SDS-PAGE (3ug)

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