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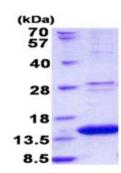
AR50891PU-S Human ROBLD3 (1-125, His-tag) - Purified

| 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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