

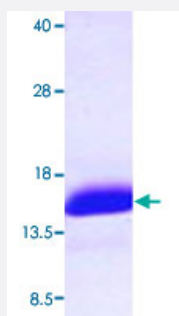
Full-Length

LAMTOR2 (Human) Recombinant Protein

Catalog # P3418

Size 100 ug

Applications



Specification

Product Description	Human LAMTOR2 (NP_054736, 1 a.a. - 125 a.a.) full-length recombinant protein with His tag expressed in <i>Escherichia coli</i> .
Sequence	MGSSHHHHHHSSGLVPRGSHMGSHMLRPKALTQVLSQANTGGVQSTLLLNEGSLLAYSGYGD TDARVTAAIASNWAAYDRNGNQAFNEDNLKFILMDCMEGRVAITRVANLLLCMYAKETVGFGMLK AKAQALVQYLEEPLTQVAAS
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	16
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Purification	Conventional Chromatography
Concentration	1 mg/mL
Purity	> 95% by SDS-PAGE
Quality Control Testing	Loading 3 ug protein in 15% SDS-PAGE
Storage Buffer	In 20 mM Tris-HCl buffer, 0.2 M NaCl, pH 8.0 (10% glycerol, 2 mM DTT).

Storage Instruction

Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — ROBLD3

Entrez GeneID [28956](#)

Protein Accession# [NP_054736](#)

Gene Name ROBLD3

Gene Alias ENDAP, HSPC003, MAPBPIP, MAPKSP1AP, p14

Gene Description roadblock domain containing 3

Omim ID [610389 610798](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations MAPKSP1 adaptor protein|OTTHUMP00000018850|endosomal adaptor protein|mitogen activated protein binding protein interacting protein|mitogen-activated protein-binding protein-interacting protein|mitogen-activated protein-binding protein-interacting protein