

Recombinant Human LAMTOR2 protein, His-tagged

Cat. No. LAMTOR2-6975H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LAMTOR2 protein(Q9Y2Q5-1) (Met 1-Ser 125) was expressed in E.coli, with a polyhistidine tag at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	1-125 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The recombinant human LAMTOR2 consisting of 136 amino acids and has a calculated molecular mass of 15 kDa. The apparent molecular mass of the protein is approximately 13 kDa in SDS-PAGE under reducing conditions.
Purity	> 97 % by SDS-PAGE and HPLC analyses.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months from date of receipt, -20 to -70°C as supplied. - 1 month, 2 to 8°C under sterile conditions after reconstitution. - 3 months, -20 to -70°C under sterile conditions after reconstitution.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be

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apportioned into working aliquots and stored at $\leq -20^{\circ}\text{C}$. Further dilutions should be made in appropriate buffered solutions.

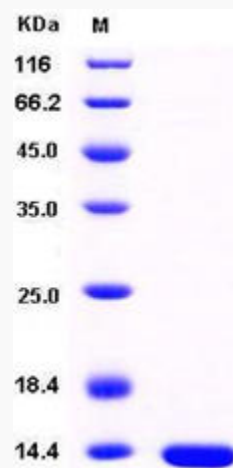
GENE INFORMATION

Gene Name	LAMTOR2 late endosomal/lysosomal adaptor, MAPK and MTOR activator 2 [Homo sapiens]
Official Symbol	LAMTOR2
Synonyms	LAMTOR2; late endosomal/lysosomal adaptor, MAPK and MTOR activator 2; roadblock domain containing 3, ROBLD3; regulator complex protein LAMTOR2; ENDAP; endosomal adaptor protein; MAPBPIP; MAPKSP1 adaptor protein; MAPKSP1AP; mitogen activated protein binding protein interacting protein; p14; Ragulator2; endosomal adaptor protein p14; roadblock domain containing 3; roadblock domain-containing protein 3; late endosomal/lysosomal Mp1-interacting protein; late endosomal/lysosomal adaptor and MAPK and MTOR activator 2; mitogen-activated protein-binding protein-interacting protein (MAPBPIP); ROBLD3; HSPC003; RP11-336K24.9;
Gene ID	28956
mRNA Refseq	NM_001145264
Protein Refseq	NP_001138736
MIM	610389
UniProt ID	Q9Y2Q5

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SDS-PAGE

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