

Recombinant Human Roadblock Domain Containing 3, His-tagged

Cat. No. ROBLD3-3389H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ROBLD3 protein, fused to His-tag at N-terminus, was expressed in <i>E.coli</i> and purified by using conventional chromatography techniques. MW = 16.0 kDa (149aa).
Species	Human
Source	E.coli
Description	ROBLD3, also known as MAPBPIP, belongs to the GAMAD family. It is an adapter protein that enhances the efficiency of the MAP kinase cascade and facilitates the activation of MAPK2. ROBLD3 compels the recruitment of MP1 to late endosomes where they form a very stable heterodimeric complex required for ERK activation on endosomes.
Form	Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.2M NaCl, 2mM DTT, 10% glycerol.
Purity	> 95% by SDS - PAGE.
Concentration	1 mg/ml (determined by Bradford assay).
Sequences Of Amino Acids	MGSSHHHHHH SSGLVPRGSH MGSMLRPKA LTQVLSQANT GGVQSTLLN NEGSLLAYSG YGDTDARVTA AIASNIWAAY DRNGNQAFNE DNLKFILMDC MEGRVAITRV ANLLLCMYAK ETVGFGMLKA KAQALVQYLE EPLTQVAAS.

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Storage

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION
Gene Name

ROBLD3 roadblock domain containing 3 [Homo sapiens]

Synonyms

roadblock domain containing 3;p14; ENDAP; HSPC003; MAPBPIP; MAPKSP1AP; RP11-336K24.9; ROBLD3; mitogen-activated protein-binding protein-interacting protein; MAPKSP1 adaptor protein; endosomal adaptor protein p14; roadblock domain-containing protein 3; late endosomal/lysosomal Mp1-interacting protein; mitogen-activated protein-binding protein-interacting protein (MAPBPIP); Late endosomal/lysosomal Mp1-interacting protein; Roadblock domain-containing protein; Endosomal adaptor protein p14

Gene ID

28956

mRNA Refseq

NM_001145264

Protein Refseq

NP_001138736

MIM

610389

UniProt ID

Q9Y2Q5C

**Chromosome
Location**

1q22

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