

Product datasheet for **AR09774PU-N**

ROBLD3 (1-125, His-tag) Human Protein

Product data:

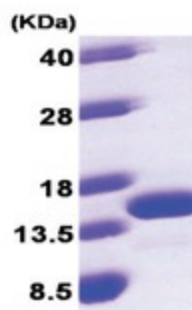
Product Type:	Recombinant Proteins
Description:	ROBLD3 (1-125, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH</u> <u>SSGLVPRGSH</u> <u>MGSHMLRPKA</u> LTQVLSQANT GGVQSTLLLN NEGSLLAYSG YGDTDARVTA AIASNIWAAY DRNGNQAFNE DNLKFILMDC MEGRVAITRV ANLLLCMYAK ETVGFGLMKA KAQALVQYLE EPLTQVAAS
Tag:	His-tag
Predicted MW:	16 kDa
Concentration:	lot specific
Purity:	>95%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 2 mM DTT, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human ROBLD3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001138736</u>
Locus ID:	28956
UniProt ID:	<u>Q9Y2Q5</u>
Cytogenetics:	1q22
Synonyms:	ENDAP; HSPC003; MAPBPIP; MAPKSP1AP; p14; Ragulator2; ROBLD3



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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, Feb 2009]

Product images:

15% SDS-PAGE (3ug)