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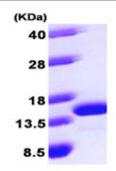
AR09774PU-N Human ROBLD3 (1-125, His-tag) - Purified

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:	0.1 mg
Concentration:	1.0 mg/ml (determined by Bradford assay)
Background:	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.
Uniprot ID:	<u>Q9Y2Q5</u>
NCBI:	<u>NP_054736</u>
GenelD:	<u>28956</u>
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >95% Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.2M Nacl, 2mM DTT, 10% glycerol
Description:	Recombinant human ROBLD3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: <u>MGSSHHHHHH SSGLVPRGSH MGSH</u> MLRPKA LTQVLSQANT GGVQSTLLLN NEGSLLAYSG YGDTDARVTA AIASNIWAAY DRNGNQAFNE DNLKFILMDC MEGRVAITRV ANLLLCMYAK ETVGFGMLKA KAQALVQYLE EPLTQVAAS Molecular weight: 16 kDa (149aa), confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for
Stoluge.	longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Sancak Y., et al. (2010) Cell. 141(2):290-303. Waters S., et al. (2009) FEBS Lett. 583(12):1846-52.

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.

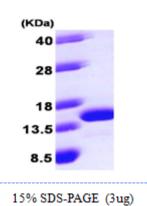
MP/20130116

Pictures:



15% SDS-PAGE (3ug)

Recombinant human ROBLD3, 1-125 aa, His-tagged



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