

ROBLD3, 1-125aa, Human, His tag, E.coli

Cat.NO.: TP03761

3th Edition

Synonyms:Mitogen-activated protein-binding protein-interacting protein, ENDAP, HSPC003, MAPBPIP, MAPKSP1AP, p14

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

Molecular Weight:16.0 kDa (149aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSHMLRPKALTQVLSQANTGGVQSTLLLNNEGSLLAYSGYGDTDARVTAAIAS
NIWAAAYDRNGNQAFNEDNLKFILMDCMEGRVAITRVANLLLCMYAKETVGFGLKAKAALVQYLEEPLTQVAAS

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.