

Product datasheet for TP308056M

RABEP1 (NM_004703) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human rabaptin, RAB GTPase binding effector protein 1 (RABEP1), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208056 representing NM_004703 Red=Cloning site Green=Tags(s)

MAQPGPASQPDVSLQQRVAELEKINAEFLRAQQQLEQEFNQKRAKFKELYLAKEEDLKRQNAVLQAAQDD
LGHLRTQLWEAQAEMENIKAIATVSENTKQEAIDEVQRQWREEVASLQAVMKETVRDYEHQFHLRLEQER
TQWAQYRESAEREIADLRRRLSEGQEEENLENEMKKAQEDAELRSVMPMEKEIAALKDKLTEAEDKIK
ELEASKVKELNHYLEAEKSCRTDLEMVAVLNTQKSVLQEDAELRKEHEVCHLLEQERQQHNLKHTW
QKANDQFLESQRLLMRDMQRMEIVLTSEQLRQVEELKKKQEDDEQQRLNKRKDHKKADVVEEIKIPVVC
ALTQEESQAQLSNEEEHLDSTRGSVHSLDAGLLLPSGDPFSKSDNDMFKDGLRRAQSTDSLGTSGSLQSK
ALGNYNKAKSAGNLDESDFGLVGDVSENFDTASLGLSQMPSGFMLTKDQERAIKAMTPEQEETASLL
SSVTQGMESAYVSPSGYRLVSETAWNLLQKEVHNAGNKLGRRCMDCSNYEKQLQGIQIQEAETRDQVKKL
QLMLRQANDQLEKTMKDKQELEDFIKQSSSDSSHQISALVLRQASEILLELQQGLSQAQRDVQEQMAV
LMQSREQVSEELVRLQKDNDSLQGKHSLSLHVSLQAEDFILPDTTEALRELVLKYREDIINVRTAADHVEE
KLKAEILFLKEQIQAEQCLKENLEETLQLEIENCKEEIASISLKAELERIKVEKQGLESTLREKSQQLE
SLQEIKISLEEQKKETAAKATVEQLMFEEKNKAQRLQTELDVSEVQVRDFVKLSQTLQVQLERIRQADS
LERIRAILNDTKLTDINQLPET

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	99.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



[View online »](#)

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_004694](#)

Locus ID: 9135

UniProt ID: [Q15276](#)

RefSeq Size: 5394

Cytogenetics: 17p13.2

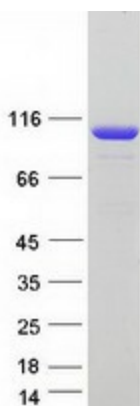
RefSeq ORF: 2586

Synonyms: RAB5EP; RABPT5

Summary: Rab effector protein acting as linker between gamma-adaptin, RAB4A and RAB5A. Involved in endocytic membrane fusion and membrane trafficking of recycling endosomes. Involved in KCNH1 channels trafficking to and from the cell membrane (PubMed:22841712). Stimulates RABGEF1 mediated nucleotide exchange on RAB5A. Mediates the traffic of PKD1:PKD2 complex from the endoplasmic reticulum through the Golgi to the cilium (By similarity).
[UniProtKB/Swiss-Prot Function]

Protein Pathways: Endocytosis

Product images:



Coomassie blue staining of purified RABEP1 protein (Cat# [TP308056]). The protein was produced from HEK293T cells transfected with RABEP1 cDNA clone (Cat# [RC208056]) using MegaTran 2.0 (Cat# [TT210002]).