

Product datasheet for **TP308056L**

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, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208056 representing NM_004703 Red=Cloning site Green=Tags(s)

MAQPGPASQPDVSLQQRVAELEKINAEFLRAQQQLEQEFNQKRAKFKELYLAKEEDLKRQNAVLQAAQDD
LGHLRTQLWEAQAEMENIKAIATVSENTKQEAIDEVKRQWREEVASLQAVMKETVRDYEHQFHLRLEQER
TQWAQYRESAEREIADLRRRLSEGQEEENLENEMKKAQEDAELRSVMPMEKEIAALKDKLTEAEDKIK
ELEASKVKELNHYLEAEKSCRTDLEMVAVLNTQKSVLQEDAELRKEHEVCHLLEQERQQHNQLKHTW
QKANDQFLESQRLLMRDMQRMEIVLTSEQLRQVEELKKKQEDDEQQRLNKRKDHKKADVEEIKIPVVC
ALTQEESQAQLSNEEEHLDSTRGSVHSLDAGLLLPSGDPFSKSDNDMFKDGLRRAQSTDSLGTSGSLQSK
ALGNYNKAKSAGNLDESDFGLVGDVSENFDTASLGLSQMPSGFMLTKDQERAIKAMTPEQEETASLL
SSVTQGMESAYVSPSGYRLVSETAWNLLQKEVHNAGNKLGRRCMCSNYEKQLGQIQEAETRDQVKKL
QLMLRQANDQLEKTMKDKQELEDFIKQSSSEDSSHQISALVLRQASEILLELQQGLSQAQRDVQEQMAV
LMQSREQVSEELVRLQKDNDSLQGKHSLSLHVSLQAEDFILPDTTEALRELVLKYREDIINVRTAADHVEE
KLKAEILFLKEQIQAEQCLKENLEETLQLEIENCKEEIASISLKAELERIKVEKQGLESTLREKSQQLE
SLQEIKISLEEQLKKETAAKATVEQLMFEEKNKAQRLQTELDVSEVQVRDFVKLSQTLQVQLERIRQADS
LERIRAILNDTKLTDINQLPET

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

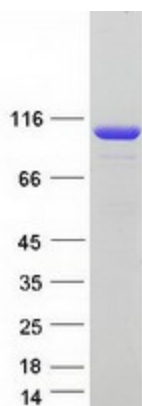
Tag:	C-Myc/DDK
Predicted MW:	99.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity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



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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]).