

Product datasheet for **TP302832M**

RAB14 (NM_016322) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human RAB14, member RAS oncogene family (RAB14), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202832 protein sequence Red =Cloning site Green =Tags(s)
	MATAPYNYSYIFKYIIIIGDMGVGKSCLLHQFTEKKFMADCPHTIGVEFGTRIIEVSGQKIKLQIWDTAGQ ERFRAVTRSYYRGAAGALMVYDITRRSTYNHLSSWLT DARNLTNPNTVILIGNKADLEAQRDVTYEEAK QFAEENGLLFLEASAKTGENVEDAFLEAAKKIYQNIQDGSLLDLNAAESGVQHKPSAPQGGRLTSEPQPQR EGCGC
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	23.7 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.
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_057406
Locus ID:	51552
UniProt ID:	P61106 , A0A024R845



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RefSeq Size: 4379

Cytogenetics: 9q33.2

RefSeq ORF: 645

Synonyms: FBP; RAB-14

Summary: RAB14 belongs to the large RAB family of low molecular mass GTPases that are involved in intracellular membrane trafficking. These proteins act as molecular switches that flip between an inactive GDP-bound state and an active GTP-bound state in which they recruit downstream effector proteins onto membranes (Junutula et al., 2004 [PubMed 15004230]).[supplied by OMIM, Mar 2009]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified RAB14 protein (Cat# [TP302832]). The protein was produced from HEK293T cells transfected with RAB14 cDNA clone (Cat# [RC202832]) using MegaTran 2.0 (Cat# [TT210002]).