

Product datasheet for **TP304318M**

RAB30 (NM_014488) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human RAB30, member RAS oncogene family (RAB30), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204318 protein sequence Red =Cloning site Green =Tags(s)
	 MSMEDYDFLFKIVLIGNAGVGKTCLVRRFTQGLFPPGQGATIGVDFMIKTVEINGEKVKLQIWDTAGQER FRSITQSYRSANALILTYDITCEESFRCLPEWLREIEQYASNKIVITLVGNKIDLAERREVSQQRAEFF SEAQDMYYLETSAKESDNVEKLFDLACRLISEARQNTLVNNVSSPLPGEGKSISYLTCCNFN TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	22.9 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:	<u>NP_055303</u>
Locus ID:	27314
UniProt ID:	<u>Q15771</u> , <u>A8K5R1</u>
RefSeq Size:	9986



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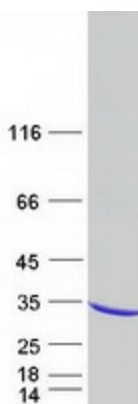
Cytogenetics: 11q14.1

RefSeq ORF: 609

Summary: The small GTPases Rab are key regulators of intracellular membrane trafficking, from the formation of transport vesicles to their fusion with membranes. Rabs cycle between an inactive GDP-bound form and an active GTP-bound form that is able to recruit to membranes different set of downstream effectors directly responsible for vesicle formation, movement, tethering and fusion (By similarity). Required for maintaining the structural integrity of the Golgi apparatus, possibly by mediating interactions with cytoplasmic scaffolding proteins. [UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified RAB30 protein (Cat# [TP304318]). The protein was produced from HEK293T cells transfected with RAB30 cDNA clone (Cat# [RC204318]) using MegaTran 2.0 (Cat# [TT210002]).