

Product datasheet for **TP310510**

RAB21 (NM_014999) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human RAB21, member RAS oncogene family (RAB21), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC210510 protein sequence Red =Cloning site Green =Tags(s)
	 MAAAGGGGGGAAAAGRAYSFKVVLLGEGCVGKTSVLRYCENKFNDKHITTLQASFLTCKLNIGGKRVNL AIWDTAGQERFHALGPIYYRDSNGAILVYDITDEDSFQVKVKNWVKELRKMLGNEICLCIVGNKIDLEKER HVSIQEAESYAESVGA KH YHTSAKQNKGIEELFLDLCKRMIETAQVDERAKGNGSSQPGTARRGVQIIDD EPQAQTSGGGCCSSG TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	24.2 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_055814</u>
Locus ID:	23011
UniProt ID:	<u>Q9UL25</u> , <u>A0A024RBA9</u>



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RefSeq Size: 2627

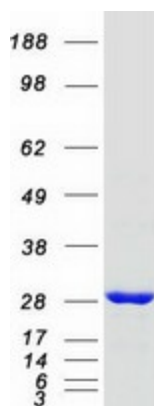
Cytogenetics: 12q21.1

RefSeq ORF: 675

Summary: This gene belongs to the Rab family of monomeric GTPases, which are involved in the control of cellular membrane traffic. The encoded protein plays a role in the targeted trafficking of integrins via its association with integrin alpha tails. As a consequence, the encoded protein is involved in the regulation of cell adhesion and migration. Expression of this gene is associated with a poor prognosis for glioma patients. This gene is downregulated by the tumor suppressor miR-200b, and miRNA-200b is itself downregulated in glioma tissues. [provided by RefSeq, Nov 2015]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified RAB21 protein (Cat# TP310510). The protein was produced from HEK293T cells transfected with RAB21 cDNA clone (Cat# [RC210510]) using MegaTran 2.0 (Cat# [TT210002]).