

Product datasheet for TP327093

RAB7L1 (RAB29) (NM_001135662) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human RAB7, member RAS oncogene family-like 1 (RAB7L1), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC227093 protein sequence Red =Cloning site Green =Tags(s)
	MGSRDHLFKVLVVGDAAVGKTSLVQRYSDSFSKHYKSTVGVDFAKVLQWSDYEIVRLQLWDIAGQERF TSMTRLYYRDASACVIMFDVTNATTFSNSQRWKQDLDSKLTLPNGEPVPCLLANKCDLSPWAVSRDQID RFSKENGFTGWTETSVKENKNINEAMRVLIEKMMRNSTEDIMSLSTQGDYINLQTKSSSWSCC
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	23 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_001129134
Locus ID:	8934
UniProt ID:	O14966 , Q6FGU7 , B2R7I9



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RefSeq Size: 3223

Cytogenetics: 1q32.1

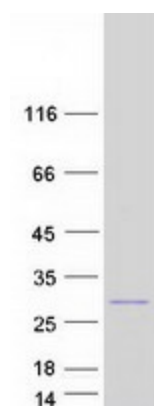
RefSeq ORF: 609

Synonyms: RAB7L; RAB7L1

Summary: Rab GTPase key regulator in vesicle trafficking. Essential for maintaining the integrity of the endosome-trans-Golgi network structure. Together with LRRK2, plays a role in the retrograde trafficking pathway for recycling proteins, such as mannose 6 phosphate receptor (M6PR), between lysosomes and the Golgi apparatus in a retromer-dependent manner. Regulates neuronal process morphology in the intact central nervous system (CNS). May play a role in the formation of typhoid toxin transport intermediates during *Salmonella enterica* serovar Typhi (S.Typhi) epithelial cell infection.[UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified RAB29 protein (Cat# TP327093). The protein was produced from HEK293T cells transfected with RAB29 cDNA clone (Cat# [RC227093]) using MegaTran 2.0 (Cat# [TT210002]).