

## Product datasheet for **TP305505M**

### **RAB18 (NM\_021252) Human Recombinant Protein**

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human RAB18, member RAS oncogene family (RAB18), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205505 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	 MDEDVLTTLKILIGESGVGKSSLLLRFTDDTFDPELAATIGVDFKVKTISVDGNKAKLAIWDTAGQERF RTLTPSYRGAQGVILVYDVTRRDTFVKLDNWLNELETYCTRNDIVNMLVGNKIDKENREVDNRNEGLKFA RKHSMLFIEASAKTCDGVQCAFEELVEKIIQTPGLWESENQNKGVKLSHREEGQGGGACGGYCSVL  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	22.8 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:	<a href="#">NP_067075</a>
Locus ID:	22931
UniProt ID:	<a href="#">Q9NP72</a>
RefSeq Size:	5003



[View online »](#)

Cytogenetics: 10p12.1

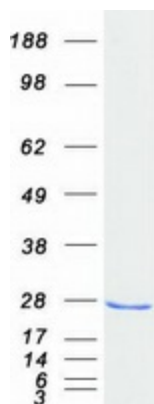
RefSeq ORF: 618

Synonyms: RAB18LI1; WARBM3

**Summary:** The protein encoded by this gene is a member of a family of Ras-related small GTPases that regulate membrane trafficking in organelles and transport vesicles. Knockdown studies in zebrafish suggest that this protein may have a role in eye and brain development. Mutations in this gene are associated with Warburg micro syndrome type 3. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jan 2012]

**Protein Families:** Druggable Genome

### Product images:



Coomassie blue staining of purified RAB18 protein (Cat# [TP305505]). The protein was produced from HEK293T cells transfected with RAB18 cDNA clone (Cat# [RC205505]) using MegaTran 2.0 (Cat# [TT210002]).