

## Product datasheet for TP301932L

### RAB35 (NM\_006861) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human RAB35, member RAS oncogene family (RAB35), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201932 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MARDYDHLFKLLIIGDSGVGKSSLLRFADNTFSGSYITTIGVDFKIRTVEINGEKVKLQIWDTAGQERF RTITSTYYRGTHGVIVVYDVTSAESFVNVKRWLHEINQNCDDVCRILVGNKNDDPERKVVETEDAYKFAG QMGIQLFETSAKENVNVEEMFNCITELVLRRAKKNLAKQQQQQNDVVKLTKNSKRKKRCC
	<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_006852</a>
Locus ID:	11021
UniProt ID:	<a href="#">Q15286</a>
RefSeq Size:	2962



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**Cytogenetics:** 12q24.23

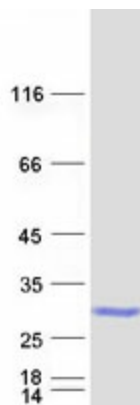
**RefSeq ORF:** 603

**Synonyms:** H-ray; RAB1C; RAY

**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 sets of downstream effectors directly responsible for vesicle formation, movement, tethering and fusion. That Rab is involved in the process of endocytosis and is an essential rate-limiting regulator of the fast recycling pathway back to the plasma membrane. During cytokinesis, required for the postfurlowing terminal steps, namely for intercellular bridge stability and abscission, possibly by controlling phosphatidylinositol 4,5-bis phosphate (PIP2) and SEPT2 localization at the intercellular bridge. May indirectly regulate neurite outgrowth. Together with TBC1D13 may be involved in regulation of insulin-induced glucose transporter SLC2A4/GLUT4 translocation to the plasma membrane in adipocytes.[UniProtKB/Swiss-Prot Function]

**Protein Families:** Druggable Genome

### Product images:



Coomassie blue staining of purified RAB35 protein (Cat# [TP301932]). The protein was produced from HEK293T cells transfected with RAB35 cDNA clone (Cat# [RC201932]) using MegaTran 2.0 (Cat# [TT210002]).