

Product datasheet for **TP307062L**

RAB39 (RAB39A) (NM_017516) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human RAB39, member RAS oncogene family (RAB39), 1 mg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone
or AA Sequence: >RC207062 protein sequence
Red=Cloning site **Green**=Tags(s)

METIWIYQFRLIVIGDSTVVGKSCLLHRFTQGRFPGLRSPACDPTVGVDFFSRLLEIEPGKRIKLQLWDTA
GQERFRSITRSYYRNSVGGFLVFDITNRRSFEHVKDWLEEAQMYVQPFRIVLLVGHKCDLASQRQVTRE
EAEKLSADCGMKYIETSAKDATNVEESFTILTRDIYELIKKGEICIQDGWEGVKSGFVPNTVHSSEEAVK
PRKECF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 24.8 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: [NP_059986](#)

Locus ID: 54734

UniProt ID: [Q14964](#)



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RefSeq Size: 1845

Cytogenetics: 11q22.3

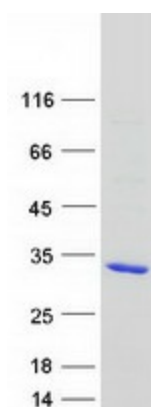
RefSeq ORF: 651

Synonyms: RAB39

Summary: Plays a role in the maturation and acidification of phagosomes that engulf pathogens, such as *S.aureus* and *M.tuberculosis*. Plays a role in vesicular trafficking. Plays a role in the fusion of phagosomes with lysosomes. Negatively regulates LPS-induced autophagosome formation in macrophages possibly by implicating PI3K (PubMed:24349490). May be involved in multiple neurite formation (By similarity).[UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified RAB39A protein (Cat# [TP307062]). The protein was produced from HEK293T cells transfected with RAB39A cDNA clone (Cat# [RC207062]) using MegaTran 2.0 (Cat# [TT210002]).