

Product datasheet for **TP302572**

Rab4 (RAB4A) (NM_004578) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human RAB4A, member RAS oncogene family (RAB4A), 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC202572 protein sequence
Red=Cloning site **Green**=Tags(s)

MSQTAMSETYDFLFKFLVIGNAGTGKSCLLHQFIEKFKDSSNHTIGVEFGSKIINVGGKYVKLQIWDTA
GQERFRSVTRSYYRGAAGALLVYDITSRETYNALTNWLT DARM LASQNIVIILCGNKKDL DADREVT FLE
ASRFAQENELMFLETSALTGENVEEAFVQCARKILNKIESGELDPERMGSGIQYGDAALRQLRSPRAQA
PNAQECGC

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: [NP_004569](#)

Locus ID: 5867

UniProt ID: [P20338](#), [A0A024R3U9](#)



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RefSeq Size: 3056

Cytogenetics: 1q42.13

RefSeq ORF: 654

Synonyms: HRES-1; HRES-1/RAB4; HRES1; RAB4

Summary: This gene is a member of the largest group in the Ras superfamily of small GTPases, which regulate membrane trafficking. The encoded protein is associated with early endosomes and is involved in their sorting and recycling. The protein also plays a role in regulating the recycling of receptors from endosomes to the plasma membrane. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, Dec 2012]

Protein Families: Druggable Genome

Protein Pathways: Endocytosis

Product images:



Coomassie blue staining of purified RAB4A protein (Cat# TP302572). The protein was produced from HEK293T cells transfected with RAB4A cDNA clone (Cat# [RC202572]) using MegaTran 2.0 (Cat# [TT210002]).