

Product datasheet for **TP302832**

RAB14 (NM_016322) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human RAB14, member RAS oncogene family (RAB14), 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC202832 protein sequence
Red=Cloning site **Green**=Tags(s)

MATAPYNYSYIFKYIIIIGDMGVGKSCLLHQFTEKKFMADCPHTIGVEFGTRIIEVSGQKIKLQIWDTAGQ
ERFRAVTRSYYRGAAGALMVYDITRRSTYNHLSSWLT DARNLTNPNTVILIGNKADLEAQRDVTYEEAK
QFAEENGLLFLEASAKTGENVEDAFLEAAKKIYQNIQDGSLLDLNAAESGVQHKPSAPQGGRLTSEPQPQR
EGCGC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 23.7 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_057406](#)

Locus ID: 51552

UniProt ID: [P61106](#), [A0A024R845](#)



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RefSeq Size: 4379

Cytogenetics: 9q33.2

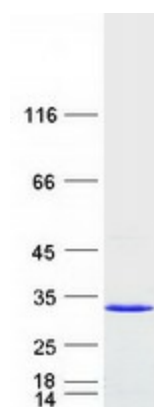
RefSeq ORF: 645

Synonyms: FBP; RAB-14

Summary: RAB14 belongs to the large RAB family of low molecular mass GTPases that are involved in intracellular membrane trafficking. These proteins act as molecular switches that flip between an inactive GDP-bound state and an active GTP-bound state in which they recruit downstream effector proteins onto membranes (Junutula et al., 2004 [PubMed 15004230]).[supplied by OMIM, Mar 2009]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified RAB14 protein (Cat# TP302832). The protein was produced from HEK293T cells transfected with RAB14 cDNA clone (Cat# [RC202832]) using MegaTran 2.0 (Cat# [TT210002]).