

# **Product datasheet for TP304426**

### OriGene Technologies, Inc.

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### Rabex5 (RABGEF1) (NM\_014504) Human Recombinant Protein

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human RAB guanine nucleotide exchange factor (GEF) 1 (RABGEF1), 20

μg

Species: Human
Expression Host: HEK293T

**Expression cDNA Clone** >RC204426 protein sequence or AA Sequence: Red=Cloning site Green=Tags(s)

MSLKSERRGIHVDQSDLLCKKGCGYYGNPAWQGFCSKCWREEYHKARQKQIQEDWELAERLQREEEEAFA SSQSSQGAQSLTFSKFEEKKTNEKTRKVTTVKKFFSASSRVGSKKEIQEAKAPSPSINRQTSIETDRVSK EFIEFLKTFHKTGQEIYKQTKLFLEGMHYKRDLSIEEQSECAQDFYHNVAERMQTRGKVPPERVEKIMDQ IEKYIMTRLYKYVFCPETTDDEKKDLAIQKRIRALRWVTPQMLCVPVNEDIPEVSDMVVKAITDIIEMDS KRVPRDKLACITKCSKHIFNAIKITKNEPASADDFLPTLIYIVLKGNPPRLQSNIQYITRFCNPSRLMTG EDGYYFTNLCCAVAFIEKLDAQSLNLSQEDFDRYMSGQTSPRKQEAESWSPDACLGVKQMYKNLDLLSQL NERQERIMNEAKKLEKDLIDWTDGIAREVQDIVEKYPLEIKPPNQPLAAIDSENVENDKLPPPLQPQVYA

G

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV** 

Tag: C-Myc/DDK
Predicted MW: 56.7 kDa

**Concentration:**  $>0.05 \mu g/\mu L$  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.





RefSeq ORF:

#### Rabex5 (RABGEF1) (NM\_014504) Human Recombinant Protein - TP304426

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 055319

 Locus ID:
 27342

 UniProt ID:
 Q9UJ41

 RefSeq Size:
 3832

 Cytogenetics:
 7q11.21

**Synonyms:** rabex-5; RABEX5; RAP1

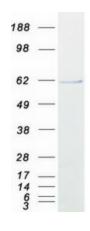
Summary: RABGEF1 forms a complex with rabaptin-5 (RABPT5; MIM 603616) that is required for endocytic

membrane fusion, and it serves as a specific guanine nucleotide exchange factor (GEF) for RAB5 (RAB5A; MIM 179512) (Horiuchi et al., 1997 [PubMed 9323142]).[supplied by OMIM, Mar

2010]

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# **Product images:**



Coomassie blue staining of purified RABGEF1 protein (Cat# TP304426). The protein was produced from HEK293T cells transfected with RABGEF1 cDNA clone (Cat# [RC204426]) using MegaTran 2.0 (Cat# [TT210002]).