

## Product datasheet for TP304989M

## OriGene Technologies, Inc.

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## C22orf28 (RTCB) (NM 014306) Human Recombinant Protein

**Product data:** 

**Product Type: Recombinant Proteins** 

Recombinant protein of human chromosome 22 open reading frame 28 (C22orf28), 100 µg **Description:** 

Species: Human HEK293T **Expression Host:** 

**Expression cDNA** >RC204989 protein sequence Clone or AA Red=Cloning site Green=Tags(s)

Sequence:

MSRSYNDELQFLEKINKNCWRIKKGFVPNMQVEGVFYVNDALEKLMFEELRNACRGGGVGGFLPAMKQIG NVAALPGIVHRSIGLPDVHSGYGFAIGNMAAFDMNDPEAVVSPGGVGFDINCGVRLLRTNLDESDVQPVK EQLAQAMFDHIPVGVGSKGVIPMNAKDLEEALEMGVDWSLREGYAWAEDKEHCEEYGRMLQADPNKVSAR AKKRGLPQLGTLGAGNHYAEIQVVDEIFNEYAAKKMGIDHKGQVCVMIHSGSRGLGHQVATDALVAMEKA MKRDKIIVNDRQLACARIASPEGQDYLKGMAAAGNYAWVNRSSMTFLTRQAFAKVFNTTPDDLDLHVIYD VSHNIAKVEQHVVDGKERTLLVHRKGSTRAFPPHHPLIAVDYQLTGQPVLIGGTMGTCSYVLTGTEQGMT ETFGTTCHGAGRALSRAKSRRNLDFQDVLDKLADMGIAIRVASPKLVMEEAPESYKNVTDVVNTCHDAGI

SKKAIKI RPIAVIKG

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV** 

Tag: C-Myc/DDK **Predicted MW:** 55 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.

Store at -80°C. Storage:

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 055121

 Locus ID:
 51493

 UniProt ID:
 Q9Y3I0

 RefSeq Size:
 2081

 Cytogenetics:
 22q12.3

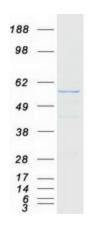
 RefSeq ORF:
 1515

Synonyms: C22orf28; DJ149A16.6; FAAP; HSPC117

**Summary:** Catalytic subunit of the tRNA-splicing ligase complex that acts by directly joining spliced tRNA

halves to mature-sized tRNAs by incorporating the precursor-derived splice junction phosphate into the mature tRNA as a canonical 3',5'-phosphodiester. May act as an RNA ligase with broad substrate specificity, and may function toward other RNAs.[UniProtKB/Swiss-Prot Function]

## **Product images:**



Coomassie blue staining of purified RTCB protein (Cat# [TP304989]). The protein was produced from HEK293T cells transfected with RTCB cDNA clone (Cat# [RC204989]) using MegaTran 2.0 (Cat# [TT210002]).