

## Product datasheet for **TP304989M**

### C22orf28 (RTCB) (NM\_014306) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human chromosome 22 open reading frame 28 (C22orf28), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204989 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MSRSYNDELQFLEKINKNCWRIKKGFPVNMQVEGVFVNDALEKLMFEELRNACRGGGVGGFLPAMKQIG NVAALPGIVHRSIGLPDVHSGYGFAIGNMAAFDMNDPEAVVSPGGVGFDFINCGVRLLRNLDSDVQPVK EQLAQAMFDHIPVGVGSKGVIPMNAKDLEEALMGVDWSLREGYAWAEDKEHCEEYGRMLQADPNKVSAR AKKRGLPQLGTLGAGNHYAEIQVDEIFNEYAAKMGIDHKGQVCVMIHSGSRGLGHQVATDALVAMEKA MKRDKIIVNDRQLACARIASPEGQDYKGMAGNYAWVNRSSMTFLTRQAFKVFNTTPDDLHLHVIYD VSHNIAKVEQHVVVDGKERTLLVHRKGSTRAFPHPHPLIAVDYQLTGQPVLIGGTMGTCSYVLTGTEQGMT ETFGTTCHGAGRALSRKSRRLDFQDVLDKLADMGIAIRVASPKLVMEEAPESYKNVTDVWNTCHDAGI SKKAIKLRPIAVIKG</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
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.
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.



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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]).