

Product datasheet for **TP304989L**

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), 1 mg

Species: Human

Expression Host: HEK293T

Expression cDNA >RC204989 protein sequence

Clone or AA Red=Cloning site Green=Tags(s)

Sequence:

MSRSYNDELQFLEKINKNCWRIKKGFPVNMQVEGVFVNDALEKLMFEELRNACRGGGVGGFLPAMKQIG
NVAALPGIVHRSIGLPDVHSGYGFAIGNMAAFDMNDPEAVVSPGGVGFDFINCGVRLLRNLDSDVQPVK
EQLAQAMFDHIPVGVGSKGVIPMNAKDLEEALEMGVDWSLREGYAWAEDKEHCEEYGRMLQADPNKVSAR
AKKRGLPQLGTLGAGNHYAEIQVVEIFNEYAAKMGIDHKGQVCVMIHSGSRGLGHQVATDALVAMEKA
MKRDKIIVNDRQLACARIASPEGQDYKGMAGNYAWVNRSSMTFLTRQAFKVFNTTPDDLHLHVIYD
VSHNIAKVEQHVVVDGKERTLLVHRKGSTRAFPHPHPLIAVDYQLTGQPVLIGGTMGTCSYVLTGTEQGMT
ETFGTTCHGAGRALSRKSRRLDFQDVLDKLADMGIARVASPKLVMEEAPESYKNVTDVWNTCHDAGI
SKKAIKLRPIAVIKG

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.

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]).