

Recombinant Human RTCB Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RTCB-6278H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	C22orf28 MS Standard C13 and N15-labeled recombinant protein (NP_055121) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	RTCB (RNA 2',3'-Cyclic Phosphate And 5'-OH Ligase) is a Protein Coding gene. Diseases associated with RTCB include Oropharyngeal Anthrax. Among its related pathways are tRNA processing and Gene Expression. Gene Ontology (GO) annotations related to this gene include RNA ligase (ATP) activity.
Molecular Mass	55.2 kDa
AA Sequence	MSRSYNDELQFLEKINKNCWRIKKGFPVNMQVEGVFYVNDALEKLMFEELRNACRG GGVGGFLPAMKQIGNVAALPGIVHRSIGLPDVHSGYGFAIGNMAAFDMNDPEAVVS PGGVGFDINCGVRLRLTNLDESDVQPVKEQLAQAMFDHIPVGVGSKGVIPMNAKDL EEALEMGVDWSLREGYAWAEDKEHCEEYGRMLQADPNKVSARAKKRGLPQLGTL GAGNHYAEIQVVDEIFNEYAAKKMGIDHKGQVCVMIHSGSRGLGHQVATDALVAME KAMKRDKIIVNDRQLACARIASPEGQDYLGMAAAGNYAWVNRSSMTFLTRQAFK VFNTTPDDLHLHVIYDVSHNIAKVEQHVVVDGKERTLLVHRKGSTRAFPPHHPLIAVDY QLTGQPVLLIGGTMGTC SYVLTGT EQGMTETFGTTCHGAGRALSRAKSRRNLDFQD VLDK LADMGI AIRVASPKL VMEEAPESYKNVTDVVNTCHDAGISKKA IKL RPIA VIKGT

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	RTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	RTCB RNA 2',3'-cyclic phosphate and 5'-OH ligase [Homo sapiens (human)]
Official Symbol	RTCB
Synonyms	RTCB; RNA 2',3'-cyclic phosphate and 5'-OH ligase; FAAP; HSPC117; C22orf28; DJ149A16.6; RNA-splicing ligase RtcB homolog; 3'-phosphate/5'-hydroxy nucleic acid ligase; ankyrin repeat domain 54; focal adhesion-associated protein; tRNA-splicing ligase RtcB homolog; EC 6.5.1.8
Gene ID	51493
mRNA Refseq	NM_014306
Protein Refseq	NP_055121
MIM	613901

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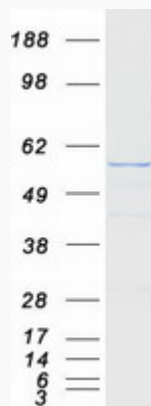
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UniProt ID

Q9Y3I0

SDS-PAGE

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