Recombinant Full Length Human RTCB Protein, C-Flag-tagged

Cat. No. RTCB-1083HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human RTCB Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Enables RNA ligase (ATP) activity and vinculin binding activity. Involved in tRNA splicing, via endonucleolytic cleavage and ligation. Located in cytosol and nucleoplasm. Part of tRNA-splicing ligase complex.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	55 kDa
AA Sequence	MSRSYNDELQFLEKINKNCWRIKKGFVPNMQVEGVFYVNDALEKLMFEELRNACRG GGVGGFLPAMKQIG NVAALPGIVHRSIGLPDVHSGYGFAIGNMAAFDMNDPEAVVS PGGVGFDINCGVRLLRTNLDESDVQPVK EQLAQAMFDHIPVGVGSKGVIPMNAKDL EEALEMGVDWSLREGYAWAEDKEHCEEYGRMLQADPNKVSAR AKKRGLPQLGTL GAGNHYAEIQVVDEIFNEYAAKKMGIDHKGQVCVMIHSGSRGLGHQVATDALVAME KA MKRDKIIVNDRQLACARIASPEGQDYLKGMAAAGNYAWVNRSSMTFLTRQAFAK VFNTTPDDLDLHVIYD VSHNIAKVEQHVVDGKERTLLVHRKGSTRAFPPHHPLIAVD YQLTGQPVLIGGTMGTCSYVLTGTEQGMT ETFGTTCHGAGRALSRAKSRRNLDFQ DVLDKLADMGIAIRVASPKLVMEEAPESYKNVTDVVNTCHDAGI SKKAIKLRPIAVIKGTRTRPLEQKLISEEDLAANDILDYKDDDDKV

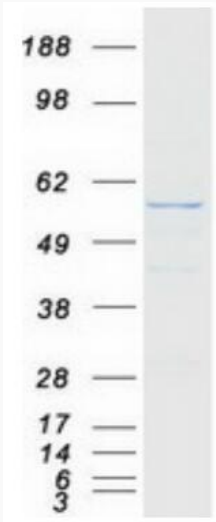
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Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	RTCB RNA 2',3'-cyclic phosphate and 5'-OH ligase [Homo sapiens (human)]
Official Symbol	RTCB
Synonyms	FAAP; HSPC117; C22orf28; DJ149A16.6
Gene ID	51493
mRNA Refseq	NM_014306.5
Protein Refseq	NP_055121.1
MIM	613901
UniProt ID	Q9Y3I0

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Coomassie blue staining of purified RTCB protein.

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