

Product datasheet for TP311052M

CTU2 (NM_001012759) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human chromosome 16 open reading frame 84 (C16orf84), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC211052 protein sequence Red=Cloning site Green=Tags(s)

MCQVGEDYGEPAPEEPPPAPRPSREQKCVKCKEAQPVVIRAGDAFCRDCFKAFYVHKFRAMLGKNRLIF
PGEKVLAWSGGPSSSSMVWQVLEGLSQDSAKRLRFVAGVIFVDEGAACGQSLEERSKTLAEVKPILQAT
GFPWHVVALEEVFSLPPSVLWCSAQELVGSEGAYKAAVDSFLQQQHVLGAGGGPGPTQGEEQPQPPLDP
QNLARPPAPAQTEALSQLFCSVRTLTAKEELLQTLRTHLILHMARAHGYSKVMGTGDSCTRLAIKLMTNLA
LGRGAFLAWDTGFSDERHGDVVWRPMDHTLKEVAFYNRLFSVPSVFTPAVDTKAPEKASIHRLMEAFI
LRLQTQFPSTVSTVYRTSEKLVKGRDGPAAAGDSGPRCLLCMCALDVDAADSATAFGAQTSSRSLSQMQSP
IPLTETRTPPGCCSPGVGWAQRCGQGACRREDPQACIEEQLCYSRVNMKDLPSLDPLPPYILAEQQLR
TQRAWGLQEIRDCLIEDSDDEAGQS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

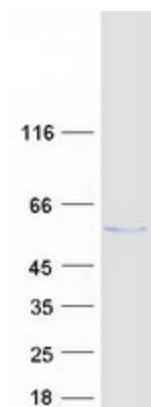
Tag:	C-Myc/DDK
Predicted MW:	55.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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.



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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_001012777
Locus ID:	348180
UniProt ID:	Q2VPK5
RefSeq Size:	1740
Cytogenetics:	16q24.3
RefSeq ORF:	1545
Synonyms:	C16orf84; MFRG; NCS2; UPF0432
Summary:	This gene encodes a protein which is involved in the post-transcriptional modification of transfer RNAs (tRNAs). The encoded protein plays a role in thiolation of uridine residue present at the wobble position in a subset of tRNAs, resulting in enhanced codon reading accuracy. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jan 2016]

Product images:



Coomassie blue staining of purified CTU2 protein (Cat# [TP311052]). The protein was produced from HEK293T cells transfected with CTU2 cDNA clone (Cat# [RC211052]) using MegaTran 2.0 (Cat# [TT210002]).