

Product datasheet for TP305711

YJU2 (NM_018074) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human coiled-coil domain containing 94 (CCDC94), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205711 protein sequence Red=Cloning site Green=Tags(s)

MSERKVLNKYPPDFDPSKIPKLLPKDRQYVVRLMAPFNMRCCTCGEYIYKGGKFNARKETVQNEVYLG
LPIFRFYIKCTRCLAEITFKTDPENTDYTMEHGATRNFQAEKLEEEERKRVQKEREDEELNNPMKVLENR
TKDSKLEMEVLENLQELKDLNQRQAHVDFEAMLRQHRLSEEEERRRQQEEDQETAALLEEARKRRILLED
SDSEDEAAPSPLQPALRPNPTAILDEAPKPKRKEVVEQSVGSLGSRPPLSRLVVKKAKADPDCSNGQP
QAAPTPGAPQNRKEANPTPLTPGASSLSQLGAYLDSDDSDNGSN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	36.9 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.
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:	<u>NP_060544</u>
Locus ID:	55702



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UniProt ID: [Q9BW85](#)

RefSeq Size: 1441

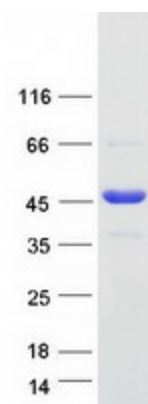
Cytogenetics: 19p13.3

RefSeq ORF: 969

Synonyms: CCDC94

Summary: Part of the spliceosome which catalyzes two sequential transesterification reactions, first the excision of the non-coding intron from pre-mRNA and then the ligation of the coding exons to form the mature mRNA (PubMed:29301961). Plays a role in stabilizing the structure of the spliceosome catalytic core and docking of the branch helix into the active site, producing 5'-exon and lariat intron-3'-intermediates (By similarity). May protect cells from TP53-dependent apoptosis upon dsDNA break damage through association with PRP19-CD5L complex (PubMed:22952453).[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified YJU2 protein (Cat# TP305711). The protein was produced from HEK293T cells transfected with YJU2 cDNA clone (Cat# [RC205711]) using MegaTran 2.0 (Cat# [TT210002]).