

## Product datasheet for **TP305711M**

### **YJU2 (NM\_018074) Human Recombinant Protein**

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human coiled-coil domain containing 94 (CCDC94), 100 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC205711 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MSERKVLNKYPPDFDPSKIPKLLPKDRQYVVRMLMAPFNMRCCTCGEYIYKGGKFNARKETVQNEVYLG  
LPIFRFYIKTRCLAEITFKTDPENTDYTMEHGATRNFQAEKLEEEERKRVQKEREDEELNNPMKVLENR  
TKDSKLEMEVLENLQELKDLNQRQAHVDFEAMLRQHRLSEEEERRRQQEEDQETAALLEEARKRRILLED  
SDSEDEAAPSPLQPALRPNPTAILDEAPKPKRKEVVEQSVGSLGSRPPLSRLVVVKKAKADPDCSNGQP  
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:** [NP\\_060544](#)

**Locus ID:** 55702



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UniProt ID: [Q9BW85](#)

RefSeq Size: 1441

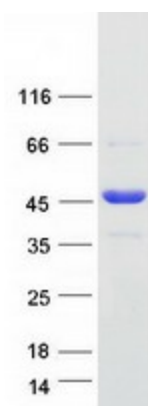
Cytogenetics: 19p13.3

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]).