Recombinant Human YJU2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. YJU2-2654H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CCDC94 MS Standard C13 and N15-labeled recombinant protein (NP_060544) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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. 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. May protect cells from TP53-dependent apoptosis upon dsDNA break damage through association with PRP19-CD5L complex.
Molecular Mass	37.1 kDa
AA Sequence	MSERKVLNKYYPPDFDPSKIPKLKLPKDRQYVVRLMAPFNMRCKTCGEYIYKGKKF NARKETVQNEVYLGLPIFRFYIKCTRCLAEITFKTDPENTDYTMEHGATRNFQAEKLL EEEEKRVQKEREDEELNNPMKVLENRTKDSKLEMEVLENLQELKDLNQRQAHVDFE AMLRQHRLSEEERRRQQQEEDEQETAALLEEARKRRLLEDSDSEDEAAPSPLQPAL RPNPTAILDEAPKPKRKVEVWEQSVGSLGSRPPLSRLVVVKKAKADPDCSNGQPQA APTPGAPQNRKEANPTPLTPGASSLSQLGAYLDSDDSNGSNTRTRPLEQKLISEEDL

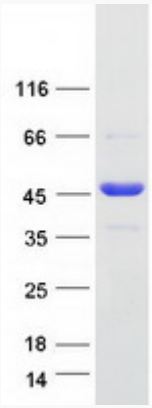
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	AANDILDYKDDDDKV
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	YJU2 YJU2 splicing factor homolog [Homo sapiens (human)]
Official Symbol	YJU2
Synonyms	YJU2; YJU2 splicing factor homolog; CCDC94; splicing factor YJU2; coiled-coil domain containing 94; coiled-coil domain-containing protein 94
Gene ID	55702
mRNA Refseq	NM_018074
Protein Refseq	NP_060544
UniProt ID	Q9BW85

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE	

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA