Recombinant Mouse Yju2 Protein, Myc/DDK-tagged

Cat. No. Yju2-7034M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse YJU2 splicing factor (Yju2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
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	36 kDa
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 after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method

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

Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Yju2 YJU2 splicing factor [Mus musculus (house mouse)]
Official Symbol	Yju2
Synonyms	Yju2; YJU2 splicing factor; Ccdc94; AI413813; 2900016D05Rik; splicing factor YJU2; YJU2 splicing factor homolog; coiled-coil domain containing 94; coiled-coil domain-containing protein 94
Gene ID	72886
mRNA Refseq	NM_028381
Protein Refseq	NP_082657
UniProt ID	Q9D6J3

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