

Product datasheet for PH305711

YJU2 (NM_018074) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CCDC94 MS Standard C13 and N15-labeled recombinant protein (NP_060544)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205711
Predicted MW:	37.1 kDa
Protein Sequence:	>RC205711 protein sequence Red=Cloning site Green=Tags(s)
	MSEKRVLNKYPPDFDPSKIPKLLPKDRQYVVRLMAPFNMRCKTCGEYIYKGGKFNARKETVQNEVYLG LPIFRFYIKCTRCLAEITFKTDPENTDYTMHGATRNFQAEKLLLEEEKRVQKEREDEELNPNMKVLENR TKDSKLEMEVLENLQELKDLNQRQAHVDFEAMLRQHRLSEEERRRQQQEEDQETAALLEEARKRRLLLED SDSEDEAAPSPLQPALRPNPTAILDEAPKPKRKVEVWEQSVGSLGSRPPLSRLVVKKAKADPDCSNGQP QAAPTGPAPQNRKEANPTPLTPGASSLSQLGAYLSDSDSNGSN
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_060544
RefSeq Size:	1441
RefSeq ORF:	969
Synonyms:	CCDC94
Locus ID:	55702



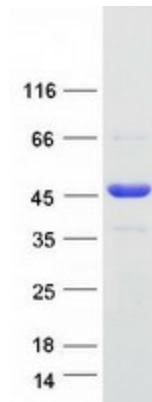
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UniProt ID: [Q9BW85](#)

Cytogenetics: 19p13.3

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]).