

Recombinant Human PRPF18 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PRPF18-2350H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PRPF18 MS Standard C13 and N15-labeled recombinant protein (NP_003666) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Pre-mRNA splicing occurs in 2 sequential transesterification steps. The protein encoded by this gene is found to be essential for the catalytic step II in pre-mRNA splicing process. It is found in the spliceosome, and contains seven WD repeats, which function in protein-protein interactions. This protein has a sequence similarity to the yeast splicing factor Prp18.
Molecular Mass	39.9 kDa
AA Sequence	MDILKSEILRKRQLVEDRNLLVENKKYFKRSELAKKEEEAYFERCGYKIQPKEEDQKP LTSSNPVLELELAEEKLPMTLSRQEVIRRLRERGEPIRLFGGETDYDAFQRLRKIEILTP EVNKGLRNDLKAALDKIDQQYLNEIVGGQEPGEEDTQNDLKVHEENTTIEELEALGE SLGKGDDHKDMDIITKFLKFLGVAWAKELNAREDYVKRSVQGKLN SATQKQTESYLR PLFRKLKRNLPA DIKESITDIKFMLQREYVKANDAYLQMAIGNAPWPIGVTMVGIIHA RTGREKIFSKHVAHVLNDETQRKYIQGLKRLMTICQKHFP TDPSKCV EYNALTRTRP LEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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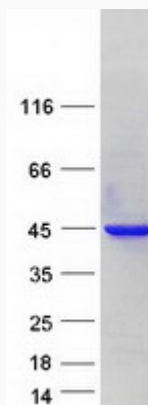
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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	PRPF18 pre-mRNA processing factor 18 [Homo sapiens (human)]
Official Symbol	PRPF18
Synonyms	PRPF18; PRP18 pre-mRNA processing factor 18 homolog (S. cerevisiae); PRP18 pre mRNA processing factor 18 homolog (yeast); pre-mRNA-splicing factor 18; hPrp18; PRP18 homolog; PRP18 pre-mRNA processing factor 18 homolog(PRPF18); PRP18; FLJ10210;
Gene ID	8559
mRNA Refseq	NM_003675
Protein Refseq	NP_003666
MIM	604993
UniProt ID	Q99633

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SDS-PAGE

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