

Recombinant Human PRPF4 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PRPF4-4811H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PRPF4 MS Standard C13 and N15-labeled recombinant protein (NP_004688) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is part of a heteromeric complex that binds U4, U5, and U6 small nuclear RNAs and is involved in pre-mRNA splicing. The encoded protein also is a mitotic checkpoint protein and a regulator of chemoresistance in human ovarian cancer. Several transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	58.4 kDa
AA Sequence	MASSRASSTQATKTKAPDDLVPVVKKPHIYYGSLEEKERERLAKGESGILGKDGLK AGIEAGNINITSGEVFEIEEHISERQAEVLAEFERRKRARQINVSTDDSEVKACLRALG EPITLFGEGPAERRERLRNLSVVGTDALKKTKKDDDEKSKKSKEEYQQTWYHEGPNS LKVARLWIANYSLPRAMKRLEEARLHKEIPETTRTSQMQLHKSRLSLNNFCSQIGD DRPISYCHFSPNSKMLATACWSGLCKLWSVPDCNLLHTLRGHNTNVGAIVFHPKST VSLDPKDVNLASCAADGSVKLWSLDSDEPVADIEGHTVRVARVMWHPSGRFLGTT CYDRSWRLWDLEAQEEILHQEGHSMGVYDIAFHQDGSAGTGGLDAGFRVWDLRT GRCIMFLEGHLKEIYGINFSPNGYHIATGSGDNTCKVWDLRQRRVCYTIPAHQNLVT

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GVKFEPHGNFLLTGAYDNTAKIWTHPGWSPLKTLAGHEGKVMGLDISSDGQLIATC
SYDRTFKLWMAETRTRPLEQKLISEEDLAANDILDYKDDDDKV

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 PRPF4 pre-mRNA processing factor 4 [Homo sapiens (human)]

Official Symbol PRPF4

Synonyms PRPF4; PRP4 pre-mRNA processing factor 4 homolog (yeast); U4/U6 small nuclear ribonucleoprotein Prp4; HPRP4; HPRP4P; PRP4; PRP4/STK/WD splicing factor; Prp4p; PRP4 homolog; WD splicing factor Prp4; U4/U6 snRNP 60 kDa protein;

Gene ID 9128

mRNA Refseq NM_004697

Protein Refseq NP_004688

MIM 607795

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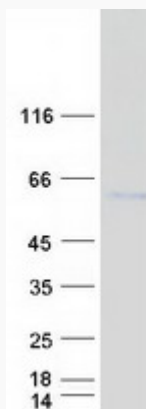
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UniProt ID

O43172

SDS-PAGE

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