

Product datasheet for PH300360

PRPF4 (NM_004697) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PRPF4 MS Standard C13 and N15-labeled recombinant protein (NP_004688)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200360
Predicted MW:	58.4 kDa
Protein Sequence:	>RC200360 protein sequence Red=Cloning site Green=Tags(s)

MASSRASSTQATKTKAPDDL VAPVVKKPHIYYGSL EEEKERERLAKGESGILGKDGLKAGIEAGNINITSG
EVFEIEEHISERQAEVLA EFERRKRARQINVSTDDSEVKACLRALGEPITLFGEGPAERRERLRNLSV
GTDALKKTKKDDKSKKSKEEYQQTWYHEGPNLKVARLWIANYS LPRAMKRLEE EARLHKEIPETTRTSQ
MQELHKSLRSLNFC SQIGDDRPISYCHFSPNSKMLATACWSGLCKLWSVPDCNLLH LTRGHNTNVGAI
V FHPKSTVSLDPKDVNLASCAADGSVKLWLSLDSDEPVADIEGHTVRVARVMWHPSGRFLGTTCYDRSWRLW
DLEAQEEILHQEGHSMGVYDIAFHQDGLAGTGGLDAFGRVWDLRTGRCIMFLEGLHKEIYGINFSPNGY
HIATGSGDNTCKVWDLRQRRCVYTI PAHQNLVTGVKFEP IHGNFLT GAYDNTAKI WTHPGWSPLKTLAG
HEGKVMGLDISSDGQLIATCSYDRTFKLWMAE

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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_004688
RefSeq Size:	2941
RefSeq ORF:	1566



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Synonyms: HPRP4; HPRP4P; PRP4; Prp4p; RP70; SNRNP60

Locus ID: 9128

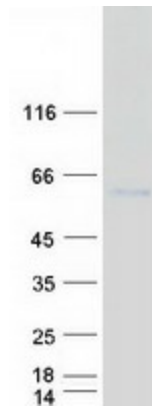
UniProt ID: [O43172](#)

Cytogenetics: 9q32

Summary: 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. [provided by RefSeq, Apr 2016]

Protein Pathways: Spliceosome

Product images:



Coomassie blue staining of purified PRPF4 protein (Cat# [TP300360]). The protein was produced from HEK293T cells transfected with PRPF4 cDNA clone (Cat# [RC200360]) using MegaTran 2.0 (Cat# [TT210002]).