

## Product datasheet for **TP300360**

### PRPF4 (NM\_004697) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human PRPF4 pre-mRNA processing factor 4 homolog (yeast) (PRPF4), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200360 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MASSRASSTQATKTKAPDDLVPVWKKPHIYYGSLEEKERERLAKGESGILGKDGLKAGIEAGNINITSG  
EVFEIEEHISERQAEVLAEFERRKRARQINVSTDDSEVKACLRALGEPITLFGEGPAERRERLRNILSVV  
GTDALKKTKKDDDEKSKSKEEYQQTWYHEGPNLSKVARLWIANYSLPRAMKRLEEARLHKEIPETTRTSQ  
MQELHKSLRSLNFCSQIGDDRPISYCHFSPNSKMLATACWSGLCKLWSVPDCNLLHTLRGHNTNVGAIV  
FHPKSTVSLDPKDVNLASCAADGSVKLWLSLDSDEPVADIEGHTVRVARVMWHPSGRFLGTTTCYDRSWRLW  
DLEAQEELHQEGHSMGVYDIAFHQDGSAGTGGLDAFGRVWDLRTGRCIMFLEGHLKEIYGINFSPNGY  
HIATGSGDNTCKVWDLRQRRCVYTIPAHQNLVTVGKFEPIHGNFLLTGAYDNTAKIWHTPGWSPKLTLAG  
HEGKVMGLDISSDGQLIATCSYDRTFKLWMAE

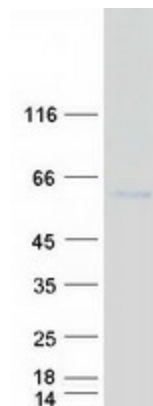
**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	58.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_004688</a>
<b>Locus ID:</b>	9128
<b>UniProt ID:</b>	<a href="#">O43172</a>
<b>RefSeq Size:</b>	2941
<b>Cytogenetics:</b>	9q32
<b>RefSeq ORF:</b>	1566
<b>Synonyms:</b>	HPRP4; HPRP4P; PRP4; Prp4p; RP70; SNRNP60
<b>Summary:</b>	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]
<b>Protein Pathways:</b>	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]).