

## Product datasheet for PH309144

### PRPF40B (NM\_001031698) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	PRPF40B MS Standard C13 and N15-labeled recombinant protein (NP_001026868)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209144
Predicted MW:	99.4 kDa
Protein Sequence:	>RC209144 protein sequence Red=Cloning site Green=Tags(s)

MMPPPFMPPPGIPPPFPMPGLPPMSQRPPAIPMPGGILPPMLPPMGAPPPLTQIPGMVPPMPPGMLMPA  
VPVTAATAPGADTASSAVAGTGPFRALWSEHVAPDGRYYYYNADDKQSVWEKPSVLKSKAELLLSQCPWK  
EYKSDTGKPYYYNNQSKESRWTRPKDLDDLEVLVKQEAAGKQQQLPQTLQPQPQPDPDPVPPGPTP  
VPTGLLEPEPGGSEDCDVEATQPLEQGFLLQLEEGPSSSGHQPPQEEEEESKPEPERSGLSWSNREKAK  
QAFKELLRDKAVPSNASWEQAMKVVTDPRYSALPKLSEKKQAFNAYKAQREKEEKEEARLRAKEAKQTL  
QHFLEQHERMTSTTRYRAEQTFGELEVWVPERDRKEVYDDVLFLLAKKEKEQAKQLRRRNIQALKSI  
LDGMSSVNFQTTWSQAQQYLMDNPSFAQDHQLQNMKDICALCFEEHIRALEREEEEERERARLRERRQQ  
RKNREAFQTFDELHETGQLHSMSTWMELYPAVSTDVRFANMLGQPGSTPLDLFKFYVEELKARFHDEKK  
I IKDILKDRGFCEVNTAFEDFAHVISFDKRAALDAGNIKLTFNLSLEKAEAREREREKEEARRMRRE  
AAFRSMLRQAVPALELGTAWEEVRFVCDSAFEQITLESERIRLRFREFLQVLEQTECQHLHTKGRKHGR  
KGKHHHHRSHSPSGSESEEEELPPPSLRPPKRRRRNPSESGSEPSSSLDSVESGGAALGGRGSPSSHLL  
GADHGLRKAKKPKKTKKRRHKSNSPESETDPEEKAGKESDEKEQEQDKDRELQQAELPNRSPGFGIKKE  
KTGWDTSESELSEGELEERRRRTLLQQLDHQQ

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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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.



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RefSeq: [NP\\_001026868](#)

RefSeq Size: 3350

RefSeq ORF: 2613

Synonyms: HYPC

Locus ID: 25766

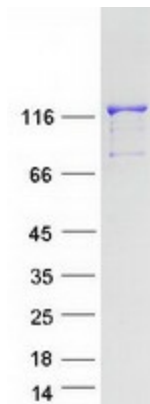
UniProt ID: [Q6NWKY9](#), [F8VU11](#)

Cytogenetics: 12q13.12

**Summary:** This gene encodes a WW-domain containing protein similar to yeast splicing factor PRP40. This protein has been shown to interact with Huntingtin and methyl CpG binding protein 2 (MeCP2). Alternative splicing results in different transcript variants. [provided by RefSeq, Aug 2014]

**Protein Pathways:** Spliceosome

### Product images:



Coomassie blue staining of purified PRPF40B protein (Cat# [TP309144]). The protein was produced from HEK293T cells transfected with PRPF40B cDNA clone (Cat# [RC209144]) using MegaTran 2.0 (Cat# [TT210002]).