

Recombinant Human PRPF6 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PRPF6-3647H Lot. No. (See product label)

SPECIFICATION

Product Overview

PRPF6 MS Standard C13 and N15-labeled recombinant protein (NP_036601) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

Description

The protein encoded by this gene appears to be involved in pre-mRNA splicing, possibly acting as a bridging factor between U5 and U4/U6 snRNPs in formation of the spliceosome. The encoded protein also can bind androgen receptor, providing a link between transcriptional activation and splicing.

Molecular Mass

106.9 kDa

AA Sequence

MNKKKKPFLGMPAPLGYVPGLGRGATGFTTRSDIGPARDANDPVDDRHAPPGKRT
 VGDQMKNQAADDDDEDLNDTNYDEFNGYAGSLFSSGPYEKDDEEADAIYAALDK
 RMDERRKERREQREKEEIEKYRMERPKIQQQFSDLKRKLAEVTEEEWLSIPEVGDA
 RNKRQRNPRYEKLTVPVDSFFAKHLQTGENHTSVDPRQTQFGGLNTPYPGGLNTP
 YPGGMTPGLMTPGTGELDMRKIGQARNTLMDMRLSQVSDSVSGQTVVDPKGYLTD
 LNSMIPTHGGDINDIKKARLLLKSVRETNPHHPPAWIASARLEEVTGKLQVARNLIMK
 GTEMCPKSEDVWLEAARLQPGDTAKAVVAQAVRHLPQSVRIYIRAAELETDIRAKKR
 VLRKALEHVPNSVRLWKAAVELEEPEDARIMLSRAVECCPTSVELWLALARLETYEN
 ARKVLNKARENIPDRHIWITAAKLEEANGNTQMVEKIIDRAITSLRANGVEINREQWI

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QDAEECDRAGSVATCQAVMRAVIGIGIEEEDRKHTWMEDADSCVAHNALECARAIY
 AYALQVFPSSKKS VWLRAAYFEKNHGTRESLEALLQRAVAHCPKAEVLWLMGAKSK
 WLAGDVPAARSILALAFQANPNSEIWLAAVKLESENDEYERARRLLAKARSSAPTA
 RVFMKSVKLEWVQDNIRAAQDLCEEALRHYEDFPKLWMMKGQIEEQKEMMEKARE
 AYNQGLKKCPHSTPLWLLSRLEEKIGQLTRARAILEKSRLKNPKNPGLWLESVRLE
 YRAGLKNIANITLMAKALQCEPNSGILWSEAIFLEARPQRRTKSVDALKKCEHDPHVL
 LAVAKLFWFSQRKITKAREWFHRTVKIDSDLGDAWAFFYKFELQHGTEEQQEEVRKR
 CESAEPRHGELWCAVSKDIANWQKKIGDILRLVAGRIKNTFTRTRPLEQKLISEEDLA
 ANDILDYKDDDDKV

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 PRPF6 pre-mRNA processing factor 6 [Homo sapiens (human)]

Official Symbol PRPF6

Synonyms

PRPF6; PRP6 pre-mRNA processing factor 6 homolog (S. cerevisiae); C20orf14, chromosome 20 open reading frame 14, PRP6 pre mRNA processing factor 6 homolog (yeast); pre-mRNA-processing factor 6; ANT 1; bB152O15.1; Prp6; TOM; U5 102K; PRP6 homolog; U5-102 kDa protein; U5 snRNP-associated 102 kDa

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protein; androgen receptor N-terminal domain transactivating protein-1; androgen receptor N-terminal domain-transactivating protein 1; putative mitochondrial outer membrane protein import receptor; p102 U5 small nuclear ribonucleoprotein particle-binding protein; ANT1; ANT-1; hPrp6; U5-102K; C20orf14;

Gene ID [24148](#)

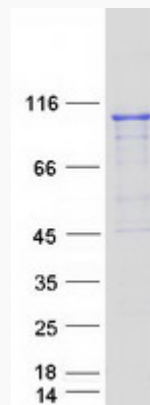
mRNA Refseq [NM_012469](#)

Protein Refseq [NP_036601](#)

MIM [613979](#)

UniProt ID [O94906](#)

SDS-PAGE



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