

Product datasheet for PH300527

ANT 1 (PRPF6) (NM_012469) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PRPF6 MS Standard C13 and N15-labeled recombinant protein (NP_036601)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200527
Predicted MW:	106.9 kDa
Protein Sequence:	>RC200527 protein sequence Red=Cloning site Green=Tags(s)

MNKKKPFGLGMPAPLGYVPLGRGATGFTTRSDIGPARDANDPVDDRHPGKRTVGDQMKKNQAADDD
EDLNDNTNYDEFNGYAGSLFSSGPEYKDEEADAIYAALDKRMDERRKERREQREKEEIEKYRMRPKIQQ
QFSDLKRKLAEVTEEEWLSIPEVGDARNKRQRNPRYEKLTPVPDSFFAKHLQTGENHTSVDPRTQFGGL
NTPYPGGLNTPYPGGMTPLMTPGTGELDMRKIGQARNTLMDMRLSQVSDSVSGQTVVDPKGYLTDLNSM
IPTHGGDINDIKKARLLKSVRETNPHPHAWIASARLEEVTKLQVARNLIMKGTMCPSKEDVWLEAA
RLQPGDTAKAVVAQAVRHLPQSVRIYIRAAELETDIRAKKRVLRKALEHVPNSVRLWKAAVELEPEDAR
IMLSRAVECCPTSVLWALARLETYENARKVLNKARENIPTRHIWITAAKLEEANGNTQMVEKIIDRA
ITSLRANGVEINREQWIQDAEECDRAGSVATCQAVMRAVIGIGIEEEDRKHTWMEADSCVAHNALECAR
AIYAYALQVFPKKS VWLRAAYFEKNHGTRESLEALLQRAVAHCPKAEVLWLMGAKSKWLAGDVPAAarsi
LALAFQANPNSEIWLAAVKLESENDEYERARRLLAKARSSAPTARVFMKSVKLEWVQDNIRAAQDLCEE
ALRHIEDFPKLWMMKGQIEEQKEMMEKAREAYNQGLKKCPHSTPLWLLSRLEEKIGQLTRARAILEKSR
LKNPKNPGLWLESVRLEYRAGLKNIAANTLMAKALQECPNGILWSEAIFFLEARPQRRTKSVDAKKCEHD
PHVLLAVAKLFWQRKITKAREWFHRTVKIDSDLGDAWAFFYKFELQHGTEEQEEVQRKRCESAEPRHGE
LWCAVSKDIANWQKKIGDILRLVAGRIKNTF

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.



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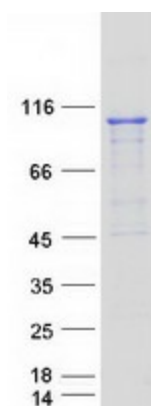
RefSeq:	NP_036601
RefSeq Size:	3120
RefSeq ORF:	2823
Synonyms:	ANT-1; ANT1; C20orf14; hPrp6; Prp6; RP60; SNRNP102; TOM; U5-102K
Locus ID:	24148
UniProt ID:	O94906
Cytogenetics:	20q13.33

Summary: 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. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome

Protein Pathways: Spliceosome

Product images:



Coomassie blue staining of purified PRPF6 protein (Cat# [TP300527]). The protein was produced from HEK293T cells transfected with PRPF6 cDNA clone (Cat# [RC200527]) using MegaTran 2.0 (Cat# [TT210002]).