

Datasheet for ABIN7564824

PRP6/ANT-1 Protein (AA 1-941) (His tag)



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Overview

Quantity:	1 mg
Target:	PRP6/ANT-1 (PRPF6)
Protein Characteristics:	AA 1-941
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PRP6/ANT-1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Prpf6 Protein expressed in mammalian cells.
Sequence:	<p>MNKKKKPFLG MPAPLGYPVG LGRGATGFTT RSDIGPARDA NDPVDDRHAP PGKRTVGDQM</p> <p>KKNQAADDDD EDLNDTNYDE FNGYAGSLFS SGPYEKDDEE ADAIYAALDK RMDERRKERR</p> <p>EQREKEEIEK YRMERPKIQQ QFSDLKRKLA EVTEEEWLSI PEVGDARNKR QRNPRIEKL</p> <p>PVPDSFFAKH LQTGENHTSV DPRQTQFGL NTPYPGGLNT PYPGGMTPGL MTPGTGELDM</p> <p>RKIGQARNTL MDMRLSQVSD SVSGQTVVDP KGYLTDLNSM IPTHGGDIND IKKARLLLKS</p> <p>VRETNPHHPP AWIASARLEE VTGKLQVARN LIMKGTEMCP KSEDVWLEAA RLQPGDTAKA</p> <p>VVAQAVRHLP QSVRIYIRAA ELETDIRAKK RVLKALEHV PNSVRLWKAA VELEPEDAR</p> <p>IMLSRAVECC PTSVELWLAL ARLETYENAR KVLNKARENI PTDRHIWITA AKLEEANGNT</p> <p>QMVEKIIDRA ITSLRANGVE INREQWIQDA EECDRAGSVA TCQAVMRAVI GIGIEEEDRK</p> <p>HTWMEDADSC VAHNALECAR AIYAYALQVF PSKKS VWLRA AYFEKNHGTR ESLEALLQRA</p> <p>VAHCPKAEVL WLMGAKSKWL AGDVPAARSI LALAFQANPN SEEIWLAAVK LESENNEYER</p> <p>ARRLLAKARS SAPTARVFMK SVKLEWVLGN ISAAQELCEE ALRHYEDFPK LWMMKQGIEE</p>

Product Details

QGELMEKARE AYNQGLKKCP HSTPLWLLLS RLEEKIGQLT RARAILEKSR LKNPKNPGLW
LESVRLEYRA GLKNIA NTLM AKALQEC PNS GILWSEAVFL EARPQRKTKS VDALKKCEHD
PHVLLAVAKL FWSEKITKA REWFHRTVKI DSDLGDAWAF FYKFELQHGT EEQQEEVRKR
CENAEP RHGE LWCAVSKDIT NWQRKIGEIL VLVAARIKNT F **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalian cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.• State-of-the-art algorithm used for plasmid design (Gene synthesis). <p>This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.</p>

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	PRP6/ANT-1 (PRPF6)
Alternative Name:	Prpf6 (PRPF6 Products)
Background:	Pre-mRNA-processing factor 6 (PRP6 homolog) (U5 snRNP-associated 102 kDa protein) (U5-102 kDa protein),FUNCTION: Involved in pre-mRNA splicing as component of the U4/U6-U5 tri-snRNP complex, one of the building blocks of the spliceosome. Enhances dihydrotestosterone-induced transactivation activity of AR, as well as dexamethasone-induced transactivation

Target Details

	activity of NR3C1, but does not affect estrogen-induced transactivation. {ECO:0000250 UniProtKB:O94906}.
Molecular Weight:	106.7 kDa
UniProt:	Q91YR7
Pathways:	Ribonucleoprotein Complex Subunit Organization , Proton Transport , Dicarboxylic Acid Transport

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months