

Datasheet for ABIN7555064
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:	Human
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:	MNKKKKPFLG MPAPLGYVPG LGRGATGFTT RSDIGPARDA NDPVDDRHAP PGKRTVGDQM KKNQAADDDD EDLNDTNYDE FNGYAGSLFS SGPYEKDDEE ADAIYAALDK RMDERRKERR EQREKEEIEK YRMERP KIQQ QFSDLKRKLA EVTEEEWLSI PEVGDARNKR QRNPRYEKLT PVPDSFFAKH LQTGENHTSV DPRQTQFGGL NTPYPGGLNT PYPGGMTPGL MTPGTGELDM RKIGQARNTL MDMRLSQVSD SVSGQTVVDP KGYLTDLNSM IPTHGGDIND IKKARLLLKS VRETNP HPP AWIASARLEE VTGKLQVARN LIMKGTEMCP KSEDVWLEAA RLQPGDTAKA VVAQAVRHLP QSVRIYIRAA ELETDIRAKK RVLRKALEHV PNSVRLWKAA VELEPEDAR IMLSRAVECC PTSVELWLAL ARLETYENAR KVLNKARENI PTDRHIWITA AKLEEANGNT QMVEKIIDRA ITSLRANGVE INREQWIQDA EECDRAGSVA TCQAVMRAVI GIGIEEEDRK HTWMEDADSC VAHNALECAR AIYAYALQVF PSKKS VWLRA AYFEKNHGTR ESLEALLQRA VAHCPKAEVL WLMGAKSKWL AGDVPAARSI LALAFQANPN SEEIWLA AVK LESENDEYER ARRLLAKARS SAPTARVFMK SVKLEWVQDN IRAAQLDCEE ALRHYEDFPK LWMMKGQIEE

Product Details

QKEMMEKARE AYNQGLKKCP HSTPLWLLLS RLEEKIGQLT RARAILEKSR LKNPKNPGLW
LESVRLEYRA GLKNIANTLM AKALQCEPNS GILWSEAIFL EARPQRRTKS VDALKKCEHD
PHVLLAVAKL FWSQRKITKA REWFHRTVKI DSDLGDAWAF FYKFELQHGT EEQQEEVRKR
CESAEPRHGE LWCAVSKDIA NWQKKIGDIL RLVAGRIKNT 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: Key Benefits:

- 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).

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.

If you are not interested in a full length protein, please contact us for individual protein fragments.

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.

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 (Androgen receptor N-terminal domain-transactivating protein 1) (ANT-1) (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 (PubMed:28781166,

Target Details

PubMed:21549338). Enhances dihydrotestosterone-induced transactivation activity of AR, as well as dexamethasone-induced transactivation activity of NR3C1, but does not affect estrogen-induced transactivation. {ECO:0000269|PubMed:12039962, ECO:0000269|PubMed:21549338, ECO:0000269|PubMed:28781166}.

Molecular Weight: 106.9 kDa

UniProt: [O94906](#)

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