

Datasheet for ABIN7550990
PRPF4 Protein (AA 1-522) (His tag)



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Overview

Quantity:	1 mg
Target:	PRPF4
Protein Characteristics:	AA 1-522
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PRPF4 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant PRPF4 Protein expressed in mammalian cells.
Sequence:	<p>MASSRASSTQ ATKTKAPDDL VAPVVKKPHI YYGSLEEKER ERLAKGESGI LGKDGLKAGI EAGNINITSG EVFEIEEHIS ERQAEVLAEF ERRKRARQIN VSTDDSEVKA CLRALGEPIT LFGEGPAERR ERLRNILSVV GTDALKKTKK DDEKSKKSKE EYQQTWYHEG PNSLKVARLW IANYS�PRAM KRLEEARLHK EIPETTRTSQ MQELHKSLRS LNNFCSQIGD DRPISYCHFS PNSKMLATAC WSGLCKLWSV PDCNLLHTLR GHNTNVGAIV FHPKSTVSLD PKDVNLASCA ADGSVKLWSL DSDEPVADIE GHTVRVARVM WHPSGRFLGT TCYDRSWRLW DLEAQEEILH QEGHSMGVYD IAFHQDGLA GTGGLDAFGR VWDLRTGRCI MFLEGHLKEI YGINFSPNGY HIATGSGDNT CKVWDLRQRR CVYTIPAHQN LVTGVKFEPI HGNFLLTGAY DNTAKIWTHP GWSPLKTLAG HEGKVMGLDI SSDGQLIATC SYDRTFKLWM AE 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.</p>

Product Details

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:	PRPF4
Alternative Name:	PRPF4 (PRPF4 Products)
Background:	U4/U6 small nuclear ribonucleoprotein Prp4 (PRP4 homolog) (hPrp4) (U4/U6 snRNP 60 kDa protein) (WD splicing factor Prp4),FUNCTION: Plays a role in pre-mRNA splicing as component of the U4/U6-U5 tri-snRNP complex that is involved in spliceosome assembly, and as component of the precatalytic spliceosome (spliceosome B complex). {ECO:0000269 PubMed:25383878, ECO:0000269 PubMed:28781166}.
Molecular Weight:	58.4 kDa
UniProt:	O43172

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for
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Application Details

	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