

Datasheet for ABIN7550962

PRPF31 Protein (AA 1-499) (His tag)



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Overview

Quantity:	1 mg
Target:	PRPF31
Protein Characteristics:	AA 1-499
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PRPF31 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant PRPF31 Protein expressed in mammalian cells.
Sequence:	<p>MSLADELLAD LEEAEEEEEG GSYGEEEEEP AIEDVQEETQ LDLSGDSVKT IAKLWDSKMF</p> <p>AEIMMKIEEY ISKQAKASEV MGPVEAAPEY RVIVDANNLT VEIENELNII HKFIRDKYSK</p> <p>RFPELESLVP NALDYIRTVK ELGNSLDKCK NNENLQQILT NATIMVVSVT ASTTQGQQLS</p> <p>EEELERLEEA CDMALELNAS KHRIEYVES RMSFIAPNLS IIIGASTAAK IMGVAGGLTN</p> <p>LSKMPACNIM LLGAQRKTLS GFSSTSVLPH TGYIYHSDIV QSLPPDLRRK AARLVAACKT</p> <p>LAARVDSFHE STEGKVGVEL KDEIERKFDK WQEPVPVKQV KPLPAPLDGQ RKKRGGRYR</p> <p>KMKERLGLTE IRKQANRMSF GEIEEDAYQE DLGFSLGHLG KSGSGRVRQT QVNEATKARI</p> <p>SKTLQRTLQK QSVVYGGKST IRDRSSGTAS SVAFTPLQGL EIVNPQAAEK KVAEANQKYF</p> <p>SSMAEFLKVK GEKSGLMST 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>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

Product Details

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:

PRPF31

Alternative Name:

PRPF31 ([PRPF31 Products](#))

Background:

U4/U6 small nuclear ribonucleoprotein Prp31 (Pre-mRNA-processing factor 31) (Serologically defined breast cancer antigen NY-BR-99) (U4/U6 snRNP 61 kDa protein) (Protein 61K) (hPrp31),FUNCTION: Involved in pre-mRNA splicing as component of the spliceosome (PubMed:11867543, PubMed:28781166). Required for the assembly of the U4/U5/U6 tri-snRNP complex, one of the building blocks of the spliceosome (PubMed:11867543). {ECO:0000269|PubMed:11867543, ECO:0000269|PubMed:28781166}.

Molecular Weight:

55.5 kDa

UniProt:

[Q8WWY3](#)

Pathways:

[Ribonucleoprotein Complex Subunit Organization](#)

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