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Datasheet for ABIN1676365

PRPF31 Protein (AA 1-498) (His tag)

Overview

Quantity:	1 mg
Target:	PRPF31
Protein Characteristics:	AA 1-498
Origin:	Xenopus tropicalis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PRPF31 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSLADELLAD LEEAEEEEEE NLIDEDDLET IEEVQEEMQV DLNAESVKSI AKLSDSKLFSEILLKIDGYI KKQPKASEVM GPVEAAPEYK VIVDANNLTV EIENELNIIH KFIRDKYSKR FPELESLVPN ALDYIRTVE LGNNLDKCKN NENLQQILTN ATIMVSVTA STTQGQQLTDEELERIEEAC DMALELNQSK HRIYEVESR MSFIAPNLSI IVGASTAAKI MGIAGGLTNL SKMPACNVML LGAQRKTLTG FSSTSVLPHT GYIYHSDIVQ SLPPDLHRKA ARLVSAKCTL AARVDSFHES SEGKVGVDLK EEIERKFDKW QEPVPVKQVK PLPAPLDGQR KKRGGRRYRK MKERLGLTEI RKQANRMSFA EIEEDAYQED LGFSLGHLGK SGSGRIRQAQ VNEATKARISKTLQRTLQKQ SVVYGGKSTI RDRSSGTASS VAFTPLQGLE IVNPQAAEKK VAEANQKYFS SMAEFLKVKS EKS GMTMTQ
Specificity:	Xenopus tropicalis (Western clawed frog) (Silurana tropicalis)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity: > 90 %

Target Details

Target: PRPF31

Alternative Name: U4/U6 small nuclear ribonucleoprotein Prp31 (prpf31) ([PRPF31 Products](#))

Background: Recommended name: U4/U6 small nuclear ribonucleoprotein Prp31.
Alternative name(s): Pre-mRNA-processing factor 31

UniProt: [Q6NVP6](#)

Pathways: [Ribonucleoprotein Complex Subunit Organization](#)

Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Storage: -20 °C

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.