

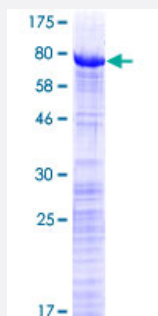
Full-Length

PRPF31 (Human) Recombinant Protein (P01)

Catalog # H00026121-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human PRPF31 full-length ORF (NP_056444.2, 1 a.a. - 499 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSLADELLADLEEAEEEEEGGSYGEEEEPAIEDVQEETQLDLSGDSVKTIAKLWDSKMFAEIM
MKIEEYISKQAKASEVMGPVEAAPEYRVVDANNLTVEIENELNIIHKFIRDKYSKRFPELESVPNAL
DYIRTVKELGNSLDKCKNNENLQQILT NATIMVSVTASTTQGQQLSEEEERLEEACDMALELNA
SKHRIEYVESRMSFIAPNLSIIIGASTAAKIMGVAGGLTNLSKMPACNIMLLGAQRKTLSGFSSTSVL
PHTGYIHSDIVQSLPPDLRRKAARLVAAKCTLAARVDSFHSTEGKVGVELKDEIERKFDKWQE
PPPVKQVKPLPAPLDGQRKKRGRRYRKMKERLGLTEIRKQANRMSFGEIEEDAYQEDLGFSLG
HLGKSGSGRVRQTQVNEATKARISKTLQRTLQKQSVVYGGKSTIRDRSSGTASSVAFTPLQGLEIN
NPQAAEKKVAEANQKYFSSMAEFLKVKGEKSGLMST

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

81.9

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — PRPF31

Entrez GeneID[26121](#)**GeneBank Accession#**[NM_015629.2](#)**Protein Accession#**[NP_056444.2](#)**Gene Name**

PRPF31

Gene Alias

DKFZp566J153, NY-BR-99, PRP31, RP11

Gene Description

PRP31 pre-mRNA processing factor 31 homolog (S. cerevisiae)

Omim ID[600138 606419](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a component of the spliceosome complex and is one of several retinitis pigmentosa-causing genes. When the gene product is added to the spliceosome complex, activation occurs

Other Designations

OTTHUMP00000068806|pre-mRNA processing factor 31 homolog

Disease

- [Retinal Diseases](#)

- [Retinitis Pigmentosa](#)