

# Recombinant Human PRPF31 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** PRPF31-1860H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | PRPF31 MS Standard C13 and N15-labeled recombinant protein (NP_056444) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Description</b>      | 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.                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Molecular Mass</b>   | 55.3 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>AA Sequence</b>      | MSLADELLADLEEAEEEEEGGSYGEEEEPAIEDVQEETQLDLSGDSVKTIAKLWDS<br>KMFAEIMMKIEEYISKQAKASEVMGPVEAAPEYRVIVDANNLTVEIENELNIIHKFIRDK<br>YSKRFPESLSVPNALDYIRTVKELGNSLDKCKNNENLQQILTNATIMVSVTASTTQ<br>GQQLSEEEELERLEEACDMALELNASKHRIEYVESRMSFIAPNLSIIIGASTAAKIMGV<br>AGGLTNLSKMPACNIMLLGAQRKTLSGFSSTSVLPHTGYIYHSDIVQSLPPDLRRKAA<br>RLVAAKCTLAARVDSFHSTEGKVGVELKDEIERKFDKWQEPVPVKQVKPLPAPLD<br>GQRKKRGGRYYRKMKERLGLTEIRKQANRMSFGEIEEDAYQEDLGFSGLHGLGKSG<br>SGRVRQTQVNEATKARISKTLQRTLQKQSVVYGGKSTIRDRSSGTASSVAFTPLQGL<br>EIVNPQAAEKKVAEANQKYFSSMAEFLKVKGEKSGLMSTTRTRPLEQKLISEEDLAA<br>NDILDYKDDDDKV |

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|                       |                                                                                            |
|-----------------------|--------------------------------------------------------------------------------------------|
| <b>Purity</b>         | > 80% as determined by SDS-PAGE and Coomassie blue staining                                |
| <b>Stability</b>      | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| <b>Storage</b>        | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.                                |
| <b>Concentration</b>  | 50 µg/mL as determined by BCA                                                              |
| <b>Storage Buffer</b> | 100 mM glycine, 25 mM Tris-HCl, pH 7.3.                                                    |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | PRPF31 pre-mRNA processing factor 31 [ Homo sapiens (human) ]                                                                                                                                                                                                                                                                                                     |
| <b>Official Symbol</b> | PRPF31                                                                                                                                                                                                                                                                                                                                                            |
| <b>Synonyms</b>        | PRPF31; PRP31 pre-mRNA processing factor 31 homolog (S. cerevisiae); PRP31 pre mRNA processing factor 31 homolog (yeast), RP11; U4/U6 small nuclear ribonucleoprotein Prp31; NY BR 99; PRP31; hPrp31; protein 61K; U4/U6 snRNP 61 kDa protein; pre-mRNA-processing factor 31; serologically defined breast cancer antigen NY-BR-99; RP11; NY-BR-99; DKFZp566J153; |
| <b>Gene ID</b>         | 26121                                                                                                                                                                                                                                                                                                                                                             |
| <b>mRNA Refseq</b>     | NM_015629                                                                                                                                                                                                                                                                                                                                                         |
| <b>Protein Refseq</b>  | NP_056444                                                                                                                                                                                                                                                                                                                                                         |
| <b>MIM</b>             | 606419                                                                                                                                                                                                                                                                                                                                                            |

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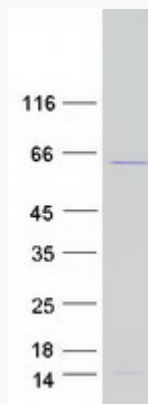
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UniProt ID

Q8WWY3

SDS-PAGE

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