

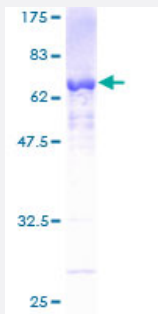
Full-Length

PRPF18 (Human) Recombinant Protein (P01)

Catalog # H00008559-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human PRPF18 full-length ORF (AAH00794, 1 a.a. - 342 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MDILKSEILRKRQLVEDRNLLVENKKYFKRSELAKEEEAYFERCGYKIQPKEEDQKPLTSSNPVL
ELELAEEKLPMTLSRQEVIRRLRERGEPIRLFGETDYDAFQRLRKIEILTPEV NKGLRNDLKAALDKI
DQQYLNEIVGGQEPGEEDTQNDLKVHEENTTIEELEALGESLGKGDDHKDMDIITKFLKFLGVWA
KELNAREDYVKRSVQGKLN SATQKQTESYLRPLFRKL RKRNL PADIKESITDIK FMLQREYVKAND
AYLQMAIGNAPWPIGV TMVGIHARTGREKIFSKHVAHVLNDETQRKYIQGLKRLMTICQKHFP TDPS
KCVEYNAL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

63.36

Interspecies Antigen Sequence

Mouse (99); Rat (99)

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 — PRPF18

Entrez GeneID[8559](#)**GeneBank Accession#**[BC000794](#)**Protein Accession#**[AAH00794](#)**Gene Name**

PRPF18

Gene Alias

FLJ10210, PRP18, hPrp18

Gene Description

PRP18 pre-mRNA processing factor 18 homolog (S. cerevisiae)

Omim ID[604993](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Pre-mRNA splicing occurs in 2 sequential transesterification steps. The protein encoded by this gene is found to be essential for the catalytic step II in pre-mRNA splicing process. It is found in the spliceosome, and contains seven WD repeats, which function in protein-protein interactions. This protein has a sequence similarity to the yeast splicing factor Prp18. [provided by RefSeq]

Other Designations

OTTHUMP00000019146|PRP18 pre-mRNA processing factor 18 homolog|PRP18 pre-mRNA processing factor 18 homolog(PRPF18)

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)