

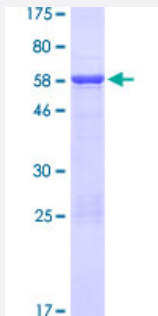
Full-Length

HNRNPH3 (Human) Recombinant Protein (P01)

Catalog # H00003189-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human HNRNPH3 full-length ORF (NP_067676.2, 1 a.a. - 331 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MDWVMKHNGPNDASDGTVRLRGLPFGCSKEEVQFFQGLEIVPNGITLTMDYQGRSTGEAFVQF
ASKEIAENALGKHKERIGHRYEIFRSSRSEIKGFYDPPRLLGQRPGPYDRPIGGRGGYYGAGRGS
YGGFDDYGGYNNYGYGNDGFDDMRDGRGMGGHGYGGAGDASSGFHGGHFVHMRGLPFRAT
ENDIANFFSPLNPIRVHIDIGADGRATGEADVEFVTHEDAVAAMSKDKNNMQHRYELFLNSTPGG
GSGMGGSGMGGYGRDGMDNQGGYGSVGRMGGMNNYSGGYGTPDGLGGYGRGGGGSGGYYG
QGGMSGGGWRGMY

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

61.6

Interspecies Antigen Sequence

Mouse (95); Rat (95)

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 — HNRNPH3

Entrez GeneID[3189](#)**GeneBank Accession#**[NM_021644.2](#)**Protein Accession#**[NP_067676.2](#)**Gene Name**

HNRNPH3

Gene Alias

2H9, FLJ34092, HNRPH3

Gene Description

heterogeneous nuclear ribonucleoprotein H3 (2H9)

Omim ID[602324](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins and they complex with heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre-mRNAs in the nucleus and appear to influence pre-mRNA processing and other aspects of mRNA metabolism and transport. While all of the hnRNPs are present in the nucleus, some seem to shuttle between the nucleus and the cytoplasm. The hnRNP proteins have distinct nucleic acid binding properties. The protein encoded by this gene has two repeats of quasi-RRM domains that bind to RNAs. It is localized in nuclear bodies of the nucleus. This protein is involved in the splicing process and it also participates in early heat shock-induced splicing arrest by transiently leaving the hnRNP complexes. Several alternatively spliced transcript variants have been noted for this gene, however, not all are fully characterized. [provided by RefSeq]

Other Designations

OTTHUMP00000019701|OTTHUMP00000035218|heterogeneous nuclear ribonucleoprotein H3

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)