

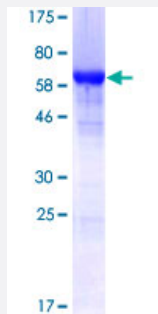
Full-Length

# HNRPF (Human) Recombinant Protein (P01)

Catalog # H00003185-P01

Size 25 ug, 10 ug

## Applications



## Specification

### Product Description

Human HNRPF full-length ORF ( NP\_004957.1, 1 a.a. - 415 a.a.) recombinant protein with GST-tag at N-terminal.

### Sequence

MMLGPEGGEGFVVKLRGLPWSCSVEDVQNFLSDCTIHDGAAGVHFIYTREGRQSGEAFVELGS  
EDDVKMALKKDRSMGHRYIEVFKSHRTEMDWVLKHSGPNSADSANDGFVRLRGLPFGCTKEE  
VQFFSGLEVPNGITLPVDPEGKITGEAFVQFASQELAEKALGKHKERIGHRYIEVFKSSQEEVRSY  
SDPPLKFMSVQRPGPYDRPGTARRYIGIVKQAGLERMRPGAYSTGYGGYEEYSGLSDDGYGFTTDL  
FGRDLSYCLSGMYDHRYGDEFTVQSTTGHCVHMRGLPYKATENDYNFFSPLNPVRVHIEIGPDG  
RVTGEADVEFATHEEAVAAMSKDRANMQHRYIELFLNSTTGASNGAYSSQVMQGMGVSAQAQAT  
YSGLESQSVSGCYGAGYSGQNSMGGYD

### Host

Wheat Germ (in vitro)

### Theoretical MW (kDa)

72.1

### Interspecies Antigen Sequence

Mouse (98); Rat (98)

### 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 — HNRNPF

Entrez GeneID	<a href="#">3185</a>
GeneBank Accession#	<a href="#">NM_004966.2</a>
Protein Accession#	<a href="#">NP_004957.1</a>
Gene Name	HNRNPF
Gene Alias	HNRPF, MGC110997, OK/SW-cl.23, mcs94-1
Gene Description	heterogeneous nuclear ribonucleoprotein F
Omim ID	<a href="#">601037</a>
Gene Ontology	<a href="#">Hyperlink</a>

Gene Summary	<p>This gene belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins that complex with heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre-mRNAs in the nucleus and regulate alternative splicing, polyadenylation, 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 three repeats of quasi-RRM domains that bind to RNAs which have guanosine-rich sequences. This protein is very similar to the family member hnRPH. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq]</p>
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**Other Designations**

HnRNP F protein|OTTHUMP00000019482|OTTHUMP00000043413|OTTHUMP00000043414|nucleolin-like protein

**Publication Reference**

- [Anticancer activity and antibody-dependent cell-mediated cytotoxicity of novel anti-nucleolin antibodies.](#)

Romano S, Moura V, Simões S, Moreira JN, Gonçalves J.

Scientific Reports 2018 May; 8(1):7450.

Application: ELISA, Flow Cyt, Human, MDA-MB-435S, 4T1 cells

**Disease**

- [Alzheimer Disease](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)