

Recombinant Full Length Human HNRNPF Protein, GST-tagged

Cat. No. HNRNPF-3683HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HNRPF full-length ORF (NP_004957.1, 1 a.a. - 415 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	415 amino acids
Description	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]
Molecular Mass	72.1 kDa
AA Sequence	MMLGPEGGEGFVVKLRGLPWSCSVEDVQNFLSDCTIHDGAAGVHFIYTREGRRQSG

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EAFVELGSEDDVKMALKKDRESMGHRYIEVFKSHRTEMWVLKHSGPNSADSAND
 GFVRLRGLPFGCTKEEIVQFFSGLEIVPNGITLPVDPEGKITGEAFVQFASQELAEKAL
 GKHKERIGHRYIEVFKSSQEEVRSYSDPPLKFMSVQRPQPYDRPGTARRYIGIVKQA
 GLERMRPGAYSTGYGGYEEYSGLSDGYGFTTDLFGRDLSYCLSGMYDHRDSEF
 TVQSTTGHCVHMRGLPYKATENDIYNFFSPLNPVRVHIEIGPDGRVTGEADVEFATH
 EEAVAAMSKDRANMQHRYIELFNSTTGASNGAYSSQVMQGMGVSAQAATYSGL
 SQSVSGCYGAGYSGQNSMGGYD

Applications

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

Notes

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

Storage

Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

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

GENE INFORMATION

Gene Name

[HNRNPF heterogeneous nuclear ribonucleoprotein F \[Homo sapiens \]](#)

Official Symbol

[HNRNPF](#)

Synonyms

HNRNPF; heterogeneous nuclear ribonucleoprotein F; HNRPF; HnRNP F protein;
 nucleolin-like protein mcs94-1; mcs94-1; OK/SW-cl.23; MGC110997;

Gene ID

[3185](#)

mRNA Refseq

[NM_001098204](#)

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Protein Refseq	NP_001091674
MIM	601037
UniProt ID	P52597

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