Recombinant Full Length Human HNRNPF Protein

Cat. No. HNRNPF-236HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human hnRNP F with N terminal proprietary tag; Predicted MWt 71.72 kDa.
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.
Form	Liquid
Molecular Mass	71.720kDa inclusive of tags

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

AA Sequence	MMLGPEGGEGFVVKLRGLPWSCSVEDVQNFLSDCTIHDGA AGVHFIYTREGRQSG EAFVELGSEDDVKMALKKDRESMGH RYIEVFKSHRTEMDWVLKHSGPNSADSAND GFVRLRGLPF GCTKEEIVQFFSGLEIVPNGITLPVDPEGKITGEAFVQFA SQELAEKA LGKHKERIGHRYIEVFKSSQEEVRSYSDPPLK FMSVQRPGPYDRPGTARRYIGIVKQ AGLERMRPGAYSTGY GGYEEYSGLSDGYGFTTDLFGRDLSYCLSGMYDHRYGDS E FTVQSTTGHCVHMRGLPYKATENDIYNFFSPLNPVRVHIE IGPDGRVTGEADVEF ATHEEAVAAMSKDRANMQHRYIELF LNSTTGASNGAYSSQVMQGMGVSAAQATY SGLESQSVSGC YGAGYSGQNSMGGYD
Purity	Proprietary Purification
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
Storage Buffer	pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name	HNRNPF heterogeneous nuclear ribonucleoprotein F [Homo sapiens]
Official Symbol	HNRNPF
Synonyms	HNRNPF; heterogeneous nuclear ribonucleoprotein F; HNRPF
Gene ID	3185
mRNA Refseq	NM_001098204
Protein Refseq	NP_001091674
MIM	601037

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UniProt ID	P52597

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