

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 SQELA EKA LGKHKERIGHRYIEVFKSSQEEVRSYSDPPLK FMSVQRPGPYDRPGTARRYIGIVKQ AGLERMRPGAYSTGY GGYEEYSGLSDGYGFTTDLFGRDLSYCLSGMYDHRYGDS E FTVQSTTGHCVHMRGLPYKATENDIYNFFSPLNPVRVHIE IGPDGRVTGEADVEF ATHEEAVAAMSKDRANMQHRYIELF LNSTTGASNGAYSSQVMQGMGVSAQAQATY 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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