Recombinant Full Length Human HNRNPF, His-tagged

Cat. No. HNRNPF-13870H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HNRNPF protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-415a.a.
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.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 300mM

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	Imidazole and 0.7% Sarcosyl, 15%glycerol.

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
Protein Refseq	NP_001091674
MIM	601037
UniProt ID	P52597
Chromosome Location	10q11.21
Pathway	Gene Expression, organism-specific biosystem; Processing of Capped Intron-Containing Pre-mRNA, organism-specific biosystem; mRNA Splicing, organism-specific biosystem; mRNA Splicing - Major Pathway, organism-specific biosystem;
Function	RNA binding; TBP-class protein binding; nucleotide binding; protein binding; single-stranded RNA binding;

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