

Recombinant Full Length Human HNRNPL Protein, GST-tagged

Cat. No. HNRNPL-3616HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HNRNPL full-length ORF (AAH69184.1, 1 a.a. - 558 a.a.) recombinant protein with GST tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	558 amino acids
Description	Heterogeneous nuclear RNAs (hnRNAs) which include mRNA precursors and mature mRNAs are associated with specific proteins to form heterogenous ribonucleoprotein (hnRNP) complexes. Heterogeneous nuclear ribonucleoprotein L is among the proteins that are stably associated with hnRNP complexes and along with other hnRNP proteins is likely to play a major role in the formation, packaging, processing, and function of mRNA. Heterogeneous nuclear ribonucleoprotein L is present in the nucleoplasm as part of the HNRNP complex. HNRNP proteins have also been identified outside of the nucleoplasm. Exchange of hnRNP for mRNA-binding proteins accompanies transport of mRNA from the nucleus to the cytoplasm. Since HNRNP proteins have been shown to shuttle between the nucleus and the cytoplasm, it is possible that they also have cytoplasmic functions. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Molecular Mass	86.6 kDa

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AA Sequence

MVKMAAAGGGGGGGGRYYGGGSEGGRAPKRLKTDNAGDQHGGGGGGGGGAGAA
 GGGGGGENYDDPHKTPASPVVHIRGLIDGVVEADLVEALQEFGPISYVVVMPKKRQ
 ALVEFEDVLGACNAVNYAADNQIYIAGHPAFVNYSTSQKISRPGDSDDSRVNSVLL
 FTILNPIYSITTDVLYTICNPCGPVQRIVIFRKNGVQAMVEFDSVQSAQRAKASLNGAD
 IYSGCCTLKIEYAKPTRLNVFKNDQDTWDYTNPNLGGQDPSNPKNRQRQPPLLG
 DHPAEYGGPHGGYHSHYHDEGYGPPPPHYEGRRMGPPVGGHRRGPSRYGPQYG
 HPPPPPPPEYGPHADSPVLMVYGLDQSKMNCDRVFNVFCLYGNVEKVKFMKSKP
 GAAMVEMADGYAVDRAITHLNNNFMFGQKLNVCVSKQPAIMPGQSYGLEDGSCSY
 KDFSESNNRNFSTPEQAAKNRIQHPSNVLHFFNAPLEVTEENFFEICDELGVKRPSS
 VKVFSGKSERSSSGLLEWESKSDALETGLFLNHYQMKNPNPGPYPTLKLCFSTAQH
 AS

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

[HNRNPL heterogeneous nuclear ribonucleoprotein L \[Homo sapiens \]](#)

Official Symbol

[HNRNPL](#)

Synonyms

HNRNPL; heterogeneous nuclear ribonucleoprotein L; HNRPL; hnRNP L; hnRNP-L;
 P/OKcl.14; FLJ35509;

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Gene ID	3191
mRNA Refseq	NM_001005335
Protein Refseq	NP_001005335
MIM	603083
UniProt ID	P14866

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