

Recombinant Human HNRNPL Protein, GST-tagged

Cat. No. HNRNPL-4905H **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	Wheat Germ
Description	Heterogeneous nuclear RNAs (hnRNAs) which include mRNA precursors and mature mRNAs are associated with specific proteins to form heterogeneous 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
AA Sequence	MVKMAAAGGGGGGGGRYYGGGSEGGRAPKRLKTDNAGDQHGGGGGGGGGAGAA GGGGGGGENYDDPHKTPASPVVHIRGLIDGVVEADLVEALQEFGPISYVVVMPKKRQ

 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

ALVEFEDVLGACNAVNYAADNQIYIAGHPAFVNYSTSQKISRPGDSDDSRVNSVLL
 FTILNPIYSITTDVLYTICNPCGPVQRIVIFRKNGVQAMVEFDSVQSAQRAKASLNGAD
 IYSGCCTLKIEYAKPTRLNVFKNDQDTWDYTNPNLSGQGDPGSNPNKRQRQPPLLG
 DHPAEYGGPHGGYHSHYHDEGYGPPPPHYEGRRMGPPVGGHRRGPSRYGPQYG
 HPPPPPPPEYGPHADSPVLMVYGLDQSKMNCDRVFNVFCLYGNVEKVKFMKSKP
 GAAMVEMADGYAVDRAITHLNNNFMFGQKLNVCVSKQPAIMPGQSYGLEDGSCSY
 KDFSESRRNRFSTPEQAAKNRIQHPSNVLHFFNAPLEVTEENFFEICDELGVKRPSS
 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;

Gene ID

[3191](#)

 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

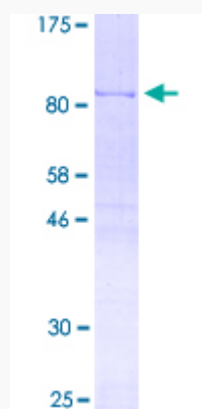
mRNA Refseq [NM_001005335](#)

Protein Refseq [NP_001005335](#)

MIM [603083](#)

UniProt ID [P14866](#)

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue

 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