

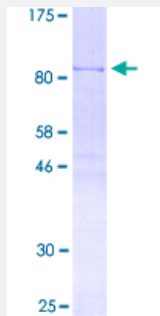
Full-Length

# HNRNPL (Human) Recombinant Protein (P01)

Catalog # H00003191-P01

Size 25 ug, 10 ug

## Applications



## Specification

### Product Description

Human HNRNPL full-length ORF (AAH69184.1, 1 a.a. - 558 a.a.) recombinant protein with GST tag at N-terminal.

### Sequence

MVKMAAAGGGGGGGRYGGGSEGGRAPKRLKTDNAGDQHGGGGGGGGGAGAAGGGGGGGEN  
YDDPHKTPASPVVHIRGLIDGVVEADLVEALQEFGPISYVVMPKKRQALVEFEDVLGACNAVNY  
AADNQIYAGHPAFVNYSTSQKISRPGSDSDSRVNSVLLFTILNPIYSITTDVLYTICNPCGPVQRVI  
FRKNGVQAMVEFDSVQSAQRAKASLNGADIYSGCCTLKIEYAKPTRLNVFKNDQDTWDYTNPNL  
SGQGDPGSNPKNRQRQPPLLDHHPAEYGGPHGGYHSHYHDEGYGPPPPHYEGRRMGPPVGGH  
RRGPSRYGPQYGHPPPPPPPEYGPHADSPVLMVYGLDQSKMNCDRVFNVFCLYGNVEKVKF  
MKSKPGAAMVEMADGYAVDRAITHLNNNFMFGQKLNCVSKQPAIMPGQSYGLEDGSCSYKDF  
SESRNNRFSTPEQAAKNRIQHPSNVLHFFNAPLEVTEENFFEICDELGVKRPSSVKVFSGKSERS  
SSGLEWESKSDALETLGFLNHYQMKNPNPGPYTLKLCFSTAQHAS

### Host

Wheat Germ (in vitro)

### Theoretical MW (kDa)

86.6

### Interspecies Antigen Sequence

Mouse (98); Rat (98)

### Preparation Method

[in vitro wheat germ expression system](#)

### Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — HNRNPL

Entrez GeneID	<a href="#">3191</a>
GeneBank Accession#	<a href="#">BC069184.1</a>
Protein Accession#	<a href="#">AAH69184.1</a>
Gene Name	HNRNPL
Gene Alias	FLJ35509, HNRPL, P/OKcl.14, hnRNP-L
Gene Description	heterogeneous nuclear ribonucleoprotein L
Omim ID	<a href="#">603083</a>
Gene Ontology	<a href="#">Hyperlink</a>

**Gene Summary**

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]

**Other Designations**

-