

## HNRNPL Protein, Human, Recombinant (His & SUMO)

### General Information

Synonyms: Heterogeneous nuclear ribonucleoprotein L;HNRPL;hnRNP L;HNRNPL

Protein Construction: 89-335 aa

Species: Human

Expression Host: E. coli

Accession: P14866

Molecular Weight: 43.1 kDa (predicted)

AA Sequence: GENYDDPHKTPASPVVHIRGLIDGVVEADLVEALQEFGPISYVVVMPKKRQALVEFEDVLGACNAVNYAADN  
QIYIAGHPAFVNYSTSQKISRPGDSDDSRVNSVLLFTILNPIYSITTDVLYTICNCPGPVQRIVIFRKNQVQAMV  
EFDSVQSAQRAKASLNGADIYSGCCTLKIEYAKPTRLNVFKNDQDQTDWDTNPNLGGQDGPGSNPNKRQRQP  
PLLGDHPAEYGGPHGGYHSHYHDEGYGP

### QC Testing

Biological Activity: Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.

Purity: > 90% as determined by SDS-PAGE.

Endotoxin: < 1.0 EU/μg of the protein as determined by the LAL method.

Formulation: Tris-based buffer, 50% glycerol

### Preparation and Storage

Reconstitution:

A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

### Protein Background

Splicing factor binding to exonic or intronic sites and acting as either an activator or repressor of exon inclusion. Exhibits a binding preference for CA-rich elements. Component of the heterogeneous nuclear ribonucleoprotein (hnRNP) complexes and associated with most nascent transcripts. Associates, together with APEX1, to the negative calcium responsive element (nCaRE) B2 of the APEX2 promoter.

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