Datasheet for ABIN7554106

# HNRNPL Protein (AA 1-589) (His tag)

Go to Product page

## Overview

| | |
|---|---|
| Quantity: | 1 mg |
| Target: | HNRNPL |
| Protein Characteristics: | AA 1-589 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This HNRNPL protein is labelled with His tag. |
| Application: | SDS-PAGE (SDS), Western Blotting (WB) |

## Product Details

| | |
|---|---|
| Purpose: | Custom-made recombinat HNRNPL Protein expressed in mammalien cells. |
| Sequence: | MSRRLLPRAE KRRRRLEQRQ QPDEQRRRSG AMVKMAAAGG GGGGGRYYGG GSEGGRAPKR LKTDNAGDQH GGGGGGGGGA GAAGGGGGGE NYDDPHKTPA SPVVHIRGLI DGVVEADLVE ALQEFGPISY VVVMPKKRQA LVEFEDVLGA CNAVNYAADN QIYIAGHPAF VNYSTSQKIS RPGDSDDSRS VNSVLLFTIL NPIYSITTDV LYTICNPCGP VQRIVIFRKN GVQAMVEFDS VQSAQRAKAS LNGADIYSGC CTLKIEYAKP TRLNVFKNDQ DTWDYTNPNL SGQGDPGSNP NKRQRQPPLL GDHPAEYGGP HGGYHSHYHD EGYGPPPPHY EGRRMGPPVG GHRRGPSRYG PQYGHPPPPP PPPEYGPHAD SPVLMVYGLD QSKMNCDRVF NVFCLYGNVE KVKFMKSKPG AAMVEMADGY AVDRAITHLN NNFMFGQKLN VCVSKQPAIM PGQSYGLEDG SCSYKDFSES RNNRFSTPEQ AAKNRIQHPS NVLHFFNAPL EVTEENFFEI CDELGVKRPS SVKVFSGKSE RSSSGLLEWE SKSDALETLG FLNHYQMKNP NGPYPYTLKL CFSTAQHAS **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a** |

## Product Details

| | |
|---|---|
| | **different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.** |
| Characteristics: | Key Benefits:<br>• Made to order protein - from design to production - by highly experienced protein experts.<br>• Protein expressed in mammalien cells and purified in one-step affinity chromatography<br>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.<br>• State-of-the-art algorithm used for plasmid design (Gene synthesis).<br><br>This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.<br><br>If you are not interested in a full length protein, please contact us for individual protein fragments.<br><br>The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified. |
| Purity: | > 90 % as determined by Bis-Tris Page, Western Blot |
| Grade: | custom-made |

## Target Details

| | |
|---|---|
| Target: | HNRNPL |
| Alternative Name: | HNRNPL (HNRNPL Products) |
| Background: | Heterogeneous nuclear ribonucleoprotein L (hnRNP L),FUNCTION: 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 (PubMed:11809897, PubMed:22570490, PubMed:24164894, PubMed:25623890, PubMed:26051023). Component of the heterogeneous nuclear ribonucleoprotein (hnRNP) complexes and associated with most nascent transcripts (PubMed:2687284). Associates, together with APEX1, to the negative calcium responsive element (nCaRE) B2 of the APEX2 promoter (PubMed:11809897). As part of a ribonucleoprotein complex composed at least of ZNF827, HNRNPK and the circular RNA circZNF827 that nucleates the complex on chromatin, may negatively regulate the transcription of genes involved in neuronal differentiation (PubMed:33174841). Regulates alternative splicing of a core group of genes involved in neuronal differentiation, likely by mediating H3K36me3- |

## Target Details

| | |
|---|---|
| | coupled transcription elongation and co-transcriptional RNA processing via interaction with CHD8. {ECO:0000269\|PubMed:11809897, ECO:0000269\|PubMed:22570490, ECO:0000269\|PubMed:25623890, ECO:0000269\|PubMed:26051023, ECO:0000269\|PubMed:2687284, ECO:0000269\|PubMed:33174841, ECO:0000269\|PubMed:36537238}. |
| Molecular Weight: | 64.1 kDa |
| UniProt: | P14866 |

## Application Details

| | |
|---|---|
| Application Notes: | In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though. |
| Restrictions: | For Research Use only |

## Handling

| | |
|---|---|
| Format: | Liquid |
| Buffer: | The buffer composition is at the discretion of the manufacturer. |
| Handling Advice: | Avoid repeated freeze-thaw cycles. |
| Storage: | -80 °C |
| Storage Comment: | Store at -80°C. |
| Expiry Date: | 12 months |