Datasheet for ABIN7559621

HNRNPL Protein (AA 1-586) (His tag)

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Overview

Quantity:	1 mg
Target:	HNRNPL
Protein Characteristics:	AA 1-586
Origin:	Mouse
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 QPDEQLRRAG AMVKMAAAGG GGGGGRYYGG GNEGGRAPKR LKTENAGDQH GGGGGGGSGA AGGGGGENYD DPHKTPASPV VHIRGLIDGV VEADLVEALQ EFGPISYVVV MPKKRQALVE FEDVLGACNA VNYAADNQIY IAGHPAFVNY STSQKISRPG DSDDSRSVNS VLLFTILNPI YSITTDVLYT ICNPCGPVQR IVIFRKNGVQ AMVEFDSVQS AQRAKASLNG ADIYSGCCTL KIEYAKPTRL NVFKNDQDTW DYTNPNLSGQ GDPGSNPNKR QRQPPLLGDH PAEYGGPHGG YHSHYHDEGY GPPPPHYEGR RMGPPVGGHR RGPSRYGPQY GHPPPPPPPP DYGPHADSPV LMVYGLDQSK MNCDRVFNVF CLYGNVEKVK FMKSKPGAAM VEMADGYAVD RAITHLNNNF MFGQKMNVCV SKQPAIMPGQ SYGLEDGSCS YKDFSESRNN RFSTPEQAAK NRIQHPSNVL HFFNAPLEVT EENFFEICDE LGVKRPTSVK VFSGKSERSS SGLLEWDSKS DALETLGFLN HYQMKNPNGP YPYTLKLCFS TAQHAS **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: • Made to order protein - from design to production - by highly experienced protein experts. • Protein expressed in mammalien cells and purified in one-step affinity chromatography • The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins. • State-of-the-art algorithm used for plasmid design (Gene synthesis). 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. If you are not interested in a full length protein, please contact us for individual protein fragments. 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 (PubMed:22523384). 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. 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 (By similarity). Regulates alternative splicing of a core group of genes involved in neuronal differentiation, likely by mediating H3K36me3-coupled transcription elongation and co-transcriptional RNA processing via interaction with CHD8. {ECO:0000250|UniProtKB:P14866,

Target Details

	ECO:0000269|PubMed:22523384}.
Molecular Weight:	64.0 kDa
UniProt:	Q8R081

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