Datasheet for ABIN5853065

HNRNPK Protein (AA 1-276) (His tag)

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1 Image

Overview

Quantity:	100 µg
Target:	HNRNPK
Protein Characteristics:	AA 1-276
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This HNRNPK protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMETEQPE ETFPNTETNG EFGKRPAEDM EEEQAFKRSR NTDEMVELRI LLQSKNAGAV IGKGGKNIKA LRTDYNASVS VPDSSGPERI LSISADIETI GEILKKIIPT LEEGLQLPSP TATSQLPLES DAVECLNYQH YKGSDFDCEL RLLIHQSLAG GIIGVKGAKI KELRENTQTT IKLFQECCPH STDRVVLIGG KPDRVVECIK IILDLISESP IKGRAQPYDP NFYDETYDYG GFTMMFDDRR GRPVGFPMRG RGGFDRMPPG RGGRPMPPS
Purity:	> 95 % by SDS - PAGE

Target Details

Target:	HNRNPK
Alternative Name:	HNRNPK (HNRNPK Products)
Background:	HNRNPK belongs to the subfamily of ubiquitously expressed heterogeneous nuclear

Target Details

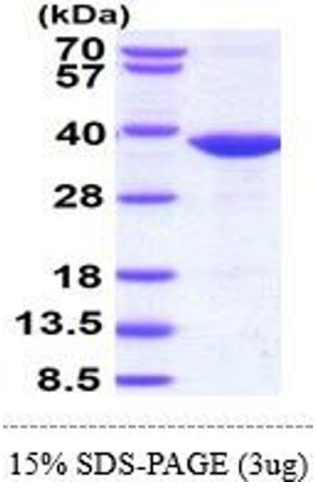
	ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins and they complex with heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre-mRNAs in the nucleus and appear to influence pre-mRNA processing and other aspects of mRNA metabolism and transport. While all of the hnRNPs are present in the nucleus, some seem to shuttle between the nucleus and the cytoplasm. The hnRNP proteins have distinct nucleic acid binding properties. HNRNPK is located in the nucleoplasm and has three repeats of KH domains that binds to RNAs. Recombinant human HNRNPK protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Molecular Weight:	33 kDa (299aa), confirmed by MALDI-TOF
NCBI Accession:	NP_002131
UniProt:	P61978

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20 % glycerol, 1 mM DTT.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



SDS-PAGE
Image 1.

