

Datasheet for ABIN1047168

HNRNPK Protein (AA 3-459, partial) (GST tag)



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Overview

Quantity:	100 µg
Target:	HNRNPK
Protein Characteristics:	AA 3-459, partial
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This HNRNPK protein is labelled with GST tag.
Application:	ELISA

Product Details

Sequence:	TEQPEETFPN TETNGEFGKR PAEDMEEEQ A FKRSRNTDEM VELRILLQSK NAGAVIGKGG KNIKALRTDY NASVSVPDSS GPERILSISA DIETIGEILK KIIPTLEGL QLPSPTATSQ LPLESDAVEC LNYQHYKGSD FDCELRLLIH QSLAGGIIGV KGAKIKELRE NTQTTIKLFQ ECCPHSTDRV VLIGGKPDRV VECIKIILDL IESPIKGRA QPYDPNFYDE TYDYGFTMM FDDRRGRPVG FPMRGRGGFD RMPPGRGGRP MPSPRRDYDD MSPRRGPPPP PPRGGRGGS RARNLPLPPP PPPRGGDLMA YDRRGRPGDR YDGMVGFSAD ETWDSAIDTW SPSEWQMAYE PQGGSGYDYS YAGGRGSYGD LGGPIITTQV TIPKDLAGSI IGKGGQRIKQ IRHESGASIK IDEPLEGSED RIITITGTQD QIQNAQYLLQ NSVKQYADVE GF
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	90 %

Target Details

Target:	HNRNPK
Alternative Name:	Heterogeneous nuclear ribonucleoprotein K protein (HNRNPK Products)
Background:	One of the major pre-mRNA-binding proteins. Binds tenaciously to poly(C) sequences. Likely to play a role in the nuclear metabolism of hnRNAs, particularly for pre-mRNAs that contain cytidine-rich sequences. Can also bind poly(C) single-stranded DNA.
Molecular Weight:	78.1 kD
UniProt:	P61978

Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C for extended storage, conserve at -20 °C or -80 °C

Publications

Product cited in: Smart, Risebro, Melville, Moses, Schwartz, Chien, Riley: "Thymosin beta4 induces adult epicardial progenitor mobilization and neovascularization." in: **Nature**, Vol. 445, Issue 7124, pp. 177-82, (2007) ([PubMed](#)).

Images



SDS-PAGE

Image 1. Heterogeneous Nuclear Ribonucleoprotein K (HNRNPK) (AA 3-459), (partial) protein (GST tag)