Datasheet for ABIN5711235

DHX9 Protein (AA 325-840, partial) (His-SUMO Tag)

1 Image

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Overview

Quantity:	100 µg
Target:	DHX9
Protein Characteristics:	AA 325-840, partial
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This DHX9 protein is labelled with His-SUMO Tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	NQVGVVPWSP PQSNWNPWTS SNIDEGPLAF ATPEQISMDL KNELMYQLEQ DHDLQAILQE RELLPVKKFE SEILEAISQN SVVIIRGATG CGKTTQVPQF ILDDFIQNDR AAECNIVVTQ PRRISAVSVA ERVAFERGEE PGKSCGYSVR FESILPRPHA SIMFCTVGVL LRKLEAGIRG ISHVIVDEIH ERDINTDFLL VVLRDVVQAY PEVRIVLMSA TIDTSMFCEY FFNCPIIEVY GRTYPVQEYF LEDCIQMTHF VPPPKDKKKK DKDDDGGEDD DANCNLICGD EYGPETRLSM SQLNEKETPF ELIEALLKYI ETLNVPGAVL VFLPGWNLIY TMQKHLEMNP HFGSHRYQIL PLHSQIPREE QRKVFDPVPV GVTKVILSTN IAETSITIND VVYVIDSCKQ KVKLFTAHNN MTNYATVWAS KTNLEQRKGR AGRVRPGFCF HLCSRARFER LETHMTPEMF RTPLHEIALS IKLLRLGGIG QFLAKAIEPP PLDAVIEAEH TLRELD
Purification:	SDS-PAGE
Purity:	> 90 %

Target Details

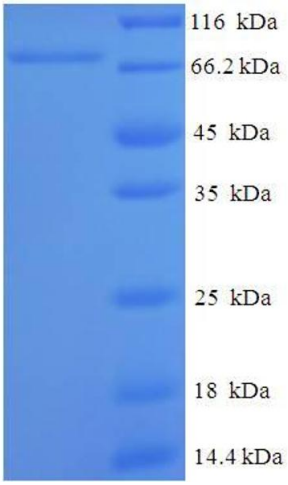
Target:	DHX9
Alternative Name:	DHX9 (DHX9 Products)
Background:	Unwinds double-stranded DNA and RNA in a 3' to 5' direction. Alteration of secondary structure may subsequently influence interactions with proteins or other nucleic acids. Functions as a transcriptional activator. Component of the CRD-mediated complex that promotes MYC mRNA stability. Involved with LARP6 in the stabilization of type I collagen mRNAs for CO1A1 and CO1A2. As component of a large PER complex is involved in the inhibition of 3' transcriptional termination of circadian target genes such as PER1 and NR1D1 and the control of the circadian rhythms. Positively regulates HIV-1 LTR-directed gene expression.
Molecular Weight:	74.5 kDa
UniProt:	Q08211

Application Details

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

Handling

Format:	Liquid
Concentration:	0.1-2 mg/mL
Buffer:	20 mM Tris-HCl based buffer, pH 8.0
Storage:	-80 °C,4 °C,-20 °C
Storage Comment:	Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.



SDS-PAGE

Image 1.