Datasheet for ABIN7479304

SYNCRIP Protein (AA 2-191, partial) (GST tag)

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1 Image

Overview

Quantity:	100 µg
Target:	SYNCRIP
Protein Characteristics:	AA 2-191, partial
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This SYNCRIP protein is labelled with GST tag.
Application:	ELISA

Product Details

Sequence:	ATEHVNGNGT EEPMDTTSAV IHSENFQTLL DAGLPQKVAE KLDEIYVAGL VAHSDLDERA IEALKEFNED GALAVLQQFK DSDLSHVQNK SAFLCGVMKT YRQREKQGTK VADSSKGPDE AKIKALLERT GYTLDVTTGQ RKYGGPPPDS VYSGQQPSVG TEIFVGKIPR DLFEDELVPL FEKAGPIWDL
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	95 %

Target Details

Target:	SYNCRIP
Alternative Name:	Heterogeneous nuclear ribonucleoprotein Q protein (SYNCRIP Products)

Target Details

Background:	Heterogenous nuclear ribonucleoprotein (hnRNP) implicated in mRNA processing mechanisms. Component of the CRD-mediated complex that promotes MYC mRNA stability. Isoform 1, isoform 2 and isoform 3 are associated in vitro with pre-mRNA, splicing intermediates and mature mRNA protein complexes. Isoform 1 binds to apoB mRNA AU-rich sequences. Isoform 1 is part of the APOB mRNA editosome complex and may modulate the postranscriptional C to U RNA-editing of the APOB mRNA through either by binding to A1CF (APOBEC1 complementation factor), to APOBEC1 or to RNA itself. May be involved in translationally coupled mRNA turnover. Implicated with other RNA-binding proteins in the cytoplasmic deadenylation/translational and decay interplay of the FOS mRNA mediated by the major coding-region determinant of instability (mCRD) domain. Interacts in vitro preferentially with poly(A) and poly(U) RNA sequences. Isoform 3 may be involved in cytoplasmic vesicle-based mRNA transport through interaction with synaptotagmins.
Molecular Weight:	48.2 kD
UniProt:	O60506

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 modificated 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

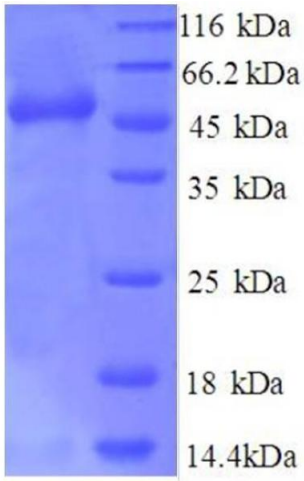
Handling

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

Handling

	one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C for extended storage, conserve at -20 °C or -80 °C

Images



SDS-PAGE

Image 1. Synaptotagmin Binding, Cytoplasmic RNA Interacting Protein (SYNCRIP) (AA 2-191), (partial) protein (GST tag)