Datasheet for ABIN7590503

EIF2D Protein (AA 1-570) (His tag)

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Overview

Quantity:	100 µg
Target:	EIF2D
Protein Characteristics:	AA 1-570
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This EIF2D protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MFAKAFRVKS NTAIKGSDRR KLRADVTVAF PTLGTDQVSE LIPGKEELNV VKLYAHKGDA VTVYTSGGNP ILFELEKNLY PTVYTLWSHP DLLPAFITWP LVLEKLVGGA DLMLPGVVVP PTGLPQVQQG DLCAIALVGN RAPVAVGVAA MSTAQMLASG LKGKGISVLH TYQDHLWRSG DKSSPPAIAP LDPTDSCEEK ADLGLHGNLR SLSLEGEEEN GQVPNPEASD DPNSRALSQD SVDGKPLQEQ MDELLEQCFL HALKSRVKKA DLPLLTSTLL GSHMFSCCPE GQQLDIKKSS YKKLSKFLQH MQQEQIVQVK ELSKGVESIV AVDWRHPRIT SFIVPEPSLA SQTVQEGSRE KPYLPPDIKS LYCVPANMTQ LFLESGHKKG STLEGSEVRR IITDYAKRNN LVDADNRNLV KLDPILCDCI LEKNEQHLVM KLPWDSLLTR CLKNLQPAYQ VTFPGQEPII KKGKLCPIDI TLVLKTYNKK VTVVRNLETY GLDPCSVAAI LQQRCQASTI VSPAPGAKDS LQVQVQGNQI HHLGQLLLEE YRLPGKYIQG LEKAPKPGKK
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien

Product Details

	cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	EIF2D
Abstract:	EIF2D Products
Background:	Recommended name: Eukaryotic translation initiation factor 2D. Short name= eIF2d. Alternative name(s): Ligatin
UniProt:	Q5PPG7

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 one week
Storage:	-20 °C

Handling

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