Datasheet for ABIN7584203

EIF2S3 Protein (AA 2-472) (His tag)

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Overview

Quantity:	100 µg
Target:	EIF2S3
Protein Characteristics:	AA 2-472
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This EIF2S3 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	AGGEAGVTL GQPHLSRQDL ATLDVTKLTP LSHEVISRQA TINIGTIGHV AHGKSTVVKA ISGVHTVRFK NELERNITIK LGYANAKIYK LDDPSCPRPE CYRSCGSSTP DEFPTDIPGT KGNFKLVRHV SFVDCPGHDI LMATMLNGAA VMDAALLLIA GNESCPQPQT SEHLAAIEIM KLKHILILQN KIDLVKESQA KEQYEQILAF VQGTVAEGAP IIPISAQLKY NIEVVCEYIV KKIPVPPRDF TSEPRLIVIR SFDVNKPGCE VDDLKGGVAG GSILKGVLKV GQEIEVRPGI VSKDSEGKLM CKPIFSKIVS LFAEHNDLQY AAPGGLIGVG TKIDPTLCRA DRMVGQVLGA VGALPEIFTE LEISYFLLRR LLGVRTEGDK KAAKVQKLSK NEVLMVNIGS LSTGGRVSAV KADLGKIVLT NPVCTEVGEK IALSRRVEKH WRLIGWGQIR RGVTIKPTVD DD
Specificity:	Rattus norvegicus (Rat)
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.

Product Details

Purity:	> 90 %

Target Details

Target:	EIF2S3
Alternative Name:	Eukaryotic translation initiation factor 2 subunit 3 (Eif2s3) (EIF2S3 Products)
Background:	Recommended name: Eukaryotic translation initiation factor 2 subunit 3. Alternative name(s): Eukaryotic translation initiation factor 2 subunit gamma. Short name= eIF-2-gamma PP42
UniProt:	P81795

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