Datasheet for ABIN1643800

EIF2B2 Protein (AA 1-355) (His tag)

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Overview

Quantity:	1 mg
Target:	EIF2B2
Protein Characteristics:	AA 1-355
Origin:	Takifugu rubripes
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This EIF2B2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MPGADKEVDL TERIEAFLSD LKRGGSGTGP LRGSSETARE TTALLRRITA QARWSSAGDL MEIIRKEGRR LIAAQPSETT VGNMIRRVLK IIREEYARSR GSSEEADQQE SLHKLLTSGG LSEENFRQHF AALRANVIEA INELLTELEG TTDNIAMQAL EHIHSNEVIM TVGRSRTVEA FLKDAARKRK FHVIVAECAP FCQGHKMATS LSTAGIETTV IADAAIFAVM SRVNKVIIGT QTVLANGGLR AVNGTHTLAL AAKHHSTPLI VCAPMFKLSP QFPNEEDTFH KFVSPHEVLP FTEGEILSKV NVHCPVFDYV PPELITLFIS NIGGHAPSYI YRLMSELYHP EDHEL
Specificity:	Takifugu rubripes (Japanese pufferfish) (Fugu rubripes)
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:	> 90 %

Target Details

Target:	EIF2B2
Alternative Name:	Translation initiation factor eIF-2B subunit beta (eif2b2) (EIF2B2 Products)
Background:	Recommended name: Translation initiation factor eIF-2B subunit beta. Alternative name(s): S20I15 eIF-2B GDP-GTP exchange factor subunit beta
UniProt:	Q90511
Pathways:	Methionine Biosynthetic Process

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.