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Datasheet for ABIN1630120 EIF2B3 Protein (AA 1-452) (His tag)

Overview

Quantity:	1 mg
Target:	EIF2B3
Protein Characteristics:	AA 1-452
Origin:	Cynomolgus
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This EIF2B3 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MEFQAVVMAV GGGSRMTDLT SSIPKLLPA GNKPLIWYPL NLLERVGFEE VIVVTTRDVQ KALCAEFKMK MKPDIVCIPD DADMGTADSL RYMYPKLKTD VLVLSCDLIT DVALHEVVDL FRAYDASLAM LMRKGQDSLE PVPQGQKGGKK AVEQRDFIGV DSTGKRLLFM ANEADLDEEL VIKGSILQKY PRIRFHTDLV DAHLYCLKKY VVDFLMENGs ITSIRSELIP YLVRKQFSSA SSQQGQEEKE EDLKKKELKS LDIYSFLKEA NTLNLAPYDA CWNACRGDRW EDLPRSQVRC YVHIMKEGLC SRVSTLGLYM EANRQVPKLL SALCPEEPLV HSSAQIVSKH LVGVDSLIGP ETQIGEKSSI KRSVIGSSCL IKDRVITITNC LLMNSVTVEE GSNIQGSVIC NNAVIEKGAD IKDCLIGSGQ RIEAKAKRVN EVIVGSDQLM EI
Specificity:	Macaca fascicularis (Crab-eating macaque) (Cynomolgus monkey)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity: > 90 %

Target Details

Target: EIF2B3

Alternative Name: Translation initiation factor eIF-2B subunit gamma (EIF2B3) ([EIF2B3 Products](#))

Background: Recommended name: Translation initiation factor eIF-2B subunit gamma.
Alternative name(s): eIF-2B GDP-GTP exchange factor subunit gamma

UniProt: [Q4R6T3](#)

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 modiflicated 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.