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Datasheet for ABIN1462232 EEF1G Protein (AA 2-437) (His tag)

Overview

Quantity:	1 mg
Target:	EEF1G
Protein Characteristics:	AA 2-437
Origin:	Horse
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This EEF1G protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	AAGTLYTYP ENWRAFKALI AAQYSGAQVR VLSAPPHFHF GQTNRTPEFL RKFPAGKVPA FEGDDGFCVF ESNAIYYVS NEELRGSTPE AAAQVVQWVS FADSDIVPPA STWWFPTLGI MHHNKQATEN AKEEVRRILG LLD AHLKTRT FLVGERVTLA DITVVCTLLW LYKQVLEPSF RQAFPNTNRW FLTCINQPQF RAVLGEVKLC EKMAQFDAKK FAESQPKKDT PRKEKGSREE KQKPQAERKE EKKAAPAPE EEMDECEQAL AAEPKAKDPF AHLPKSTFVL DEFKRKYSNE DTLSVALPYF WEHFDKDGWS LWYSEYRPE ELTQTFMSCN LITGMFQRLD KLRKNAFASV ILFGTNNSSS ISGVWVFRGQ ELAFPLSPDW QVDYESYTW R KLDPGSEEAQ TLVREYFSWE GAFQHV GKAF NQ GKIFK
Specificity:	Equus caballus (Horse)
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: EEF1G

Alternative Name: Elongation factor 1-gamma (EEF1G) ([EEF1G Products](#))

Background: Recommended name: Elongation factor 1-gamma.
Short name= EF-1-gamma.
Alternative name(s): eEF-1B gamma

UniProt: [A2Q127](#)

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 modified 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.