Datasheet for ABIN1674692

EIF3G Protein (AA 1-271) (His tag)

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Overview

Quantity:	1 mg
Target:	EIF3G
Protein Characteristics:	AA 1-271
Origin:	Mosquito
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This EIF3G protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MPALDDIKSS WADEVESDSG SLPPPSEVIE NGQKIVTEYK YNKDDKKVKV VRTYKISRVV VPKCVARRKS LAKFGDSATD RPGPNPQTTM VSEDVFMQFI TNKEEEQKNE NALDSMKNIV KCRTCEGEHW SFHCPYKNSA YDKPTKPTTA PVPETTSSSK PGKYVPPHMK ESQGKPGIGG AMRGRDDTSA IRISNLSEAM TEADLEELVK KFGPHTKMFL SRDKSTGLCK GFAYVHFRSR RDAATAIEVL NGYGYDHLIL SVEWSKPQNP Q
Specificity:	Anopheles gambiae (African malaria mosquito)
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:	EIF3G
Alternative Name:	Eukaryotic Translation Initiation Factor 3 Subunit G (eIF3-S4) (EIF3G Products)
Background:	Recommended name: Eukaryotic translation initiation factor 3 subunit G. Short name= eIF3g. Alternative name(s): Eukaryotic translation initiation factor 3 RNA-binding subunit. Short name= eIF-3 RNA-binding subunit Eukaryotic translation initiation factor 3 subunit 4
UniProt:	Q7QJV0
Pathways:	Ribonucleoprotein Complex Subunit Organization

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.