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Datasheet for ABIN1643194 EIF3I Protein (AA 1-327) (His tag)



Overview	
Quantity:	1 mg
Target:	EIF3I
Protein Characteristics:	AA 1-327
Origin:	C. elegans
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This EIF3I protein is labelled with His tag.
Application:	ELISA
Product Details	
Sequence:	MRPLSLKGHE RALTRVRFNR EGDLTFSCAK DKKPCVWYTE NGERIGSYDG HNGAVWDIDV
	SWDTTKCVTA SGDLTVKIWD AELGNCLYTI NHQTPMKSCG FSYSGNLVCF TTQKMTKNLS
	TFQVRDLRDS SQMVEGGESF FYSQFDVNAT TALFTQMDDL VTIGFESGLL QQYDLRNPDT
	PIHTNESVHR YSVQDLQLSP RGDFLISASR DKTAALLDVN DLKKLKQYKS ERPVNSACIS
	PNRDHICLGG GEDAMQVTQT SVSAGHFEAK IYHMVFEEEF ARFKGHFGPI NTMAWHPSGT
	IIATGGEDGY IRIQEFDEDY LGFTYDF
Specificity:	Caenorhabditis elegans
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 %

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Target Details

Target:	EIF3I
Alternative Name:	Eukaryotic translation initiation factor 3 subunit I (eif-3.I) (EIF3I Products)
Background:	Recommended name: Eukaryotic translation initiation factor 3 subunit I. Short name= eIF3i
UniProt:	Q965S8
Pathways:	Mitotic G1-G1/S Phases, DNA Replication, Ribonucleoprotein Complex Subunit Organization, Synthesis of DNA

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.

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