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Datasheet for ABIN1506029
STAM Protein (AA 1-457) (His tag)

Overview

Quantity:	1 mg
Target:	STAM
Protein Characteristics:	AA 1-457
Origin:	C. elegans
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This STAM protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MKKQKSFPMs AYEDLLGKIT APTITVENWE GILAFCDMIN NDFEGSKTGI KSLRKRLNRR DPHVLLAIS VLDSCWANCE ERFrKEVSSA QFINELKALC TSSQRQVAEK MRLTVQKWVD TECKTEQSLs LIVTLHKNLV ADGYSFVDD PKSCKAIDA KFANDPNYVG SAQEEEEIAK AIAASLADAE KQEKAKKSTS TMYPSAKASS PAVQTNSNIP EKNVRALYDF EAAESNELSF VAGDIITID ESNPHWWTGR IGTQQGLFPS SFVTNQLDDL KSKETDSSQK APEVVASINE AILVRCLQVL HECDPTGERQ DPEDLAQLEA ASYAQGNLID AHLASIDRQS NSLAQIDVAI RDVLALYDDA IQKGGFQHQS QGMYYQPMQY YNYQPPNRA YYPPTGPVQQ QQPQQYPPQH YPAPGAQPQY ACP PNSVPQP QQQQQWPAP SSQPQQY
Specificity:	Caenorhabditis elegans
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: STAM

Alternative Name: Signal transducing adapter molecule 1 (stam-1) ([STAM Products](#))

Background: Recommended name: Signal transducing adapter molecule 1.
Short name= STAM-1.
Alternative name(s): Prion-like-(Q/N-rich) domain-bearing protein 19

UniProt: [001498](#)

Pathways: [EGFR Signaling Pathway](#), [EGFR Downregulation](#)

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

Handling

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.