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Datasheet for ABIN1474061

C-JUN Protein (AA 1-334) (His tag)

Overview

Quantity:	1 mg
Target:	C-JUN (JUN)
Protein Characteristics:	AA 1-334
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This C-JUN protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MTAKMETTFY DDALNASFLQ SESGAYGYSN PKILKQSMTL NLADPVGNLK PHLRAKNSDL LTSPDVGLLK LASPELERLI IQSSNGHITT TPTPTQFLCP KNVTDEQEGF AEGFVRALAE LHSQNTLPSV TSAAQPVSGA GMVAPAVASV AGAGGGGGYS ASLHSEPPVY ANLSNPNPGA LSSGGGAPSY GATGLAFPSQ PQQQQPPQP PHHLPQQIPV QHPRLQALKE EPQTVPEMPG ETPPLSPIDM ESQERIKAER KMRNRNIAAS KCRKRKLERI ARLEEKVKTL KQNSELAST ANMLREQVAQ LKQKVMNHVN SGCQLMLTQQ LQTF
Specificity:	Rattus norvegicus (Rat)
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.
Purity:	> 90 %

Target Details

Target:	C-JUN (JUN)
Alternative Name:	Transcription factor AP-1 (Jun) (JUN Products)
Background:	Recommended name: Transcription factor AP-1. Alternative name(s): Activator protein 1. Short name= AP1 Proto-oncogene c-Jun V-jun avian sarcoma virus 17 oncogene homolog
UniProt:	P17325
Pathways:	MAPK Signaling , RTK Signaling , WNT Signaling , Fc-epsilon Receptor Signaling Pathway , Activation of Innate immune Response , Myometrial Relaxation and Contraction , Skeletal Muscle Fiber Development , Protein targeting to Nucleus , Toll-Like Receptors Cascades , Autophagy , Signaling of Hepatocyte Growth Factor Receptor , BCR Signaling , S100 Proteins

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.