Datasheet for ABIN7584391

FTCD Protein (AA 1-541) (His tag)

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Overview

Quantity:	100 µg
Target:	FTCD
Protein Characteristics:	AA 1-541
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This FTCD protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSQLVECVPN FSEGNNQEVI DAISQAISQT PGCVLLDVDA GPSTNRTVYT FVGQPECVVE GALSAARTAS QLIDMRKHKG EHPRMGALDV CPFIPVRGVS MDECVLCAKA FGQRLAEELN VPVYLYGEAA QMPSRQTLPA IRAGEYEALP EKLKQAEWVP DFGPSSFVPS WGATVTGARK FLIAFNINLL STKEQAHRIA LNLREQGRGK DQPGRLKKVQ GIGWYLEEKN LAQVSTNLLD FEVTALHTVY EEARREAQEL NLPVVGSQLV GLVPLKALLD AAAFYCDKEK LFVLEEEHRI RLVVNRLGLD SLAPFDPKER IIEYLVPDSG PEQSLLDASL RAFVREVGAR SAAPGGGSVA AAVAALGAAL ASMVGQMTYG RRQFDHLDST MRRLIPPFHA ASAQLTSLVD ADARAFAACL GAIKLPKNTP EERDRRTCAL QEGLRQAVAV PLKLAETVSQ LWPALQELAQ CGNLSCLSDL QVAAKALETG VFGAYFNVLI NLKDMTDDVF KEKTRHRISS LLQEAKTQAA LVLGSLEARK E
Specificity:	Rattus norvegicus (Rat)
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.

Product Details

Purity:	> 90 %

Target Details

Target:	FTCD
Alternative Name:	Formimidoyltransferase-cyclodeaminase (Ftcd) (FTCD Products)
Background:	Recommended name: Formimidoyltransferase-cyclodeaminase. Alternative name(s): 58 kDa microtubule-binding protein Formiminotransferase-cyclodeaminase. Short name= FTCD Including the following 2 domains: Glutamate formimidoyltransferase. EC= 2.1.2.5. Alternative name(s): Glutamate formiminotransferase Glutamate formyltransferase Formimidoyltetrahydrofolate cyclodeaminase. EC= 4.3.1.4. Alternative name(s): Formiminotetrahydrofolate cyclodeaminase
UniProt:	O88618

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

Handling

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.