Datasheet for ABIN1645122

GATA2 Protein (AA 1-478) (His tag)

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Overview

Quantity:	1 mg
Target:	GATA2
Protein Characteristics:	AA 1-478
Origin:	Clostridium
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GATA2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MEILDMTVEQ LRNAILDKHL KSEDIVKAYF DNIKRNEPEI NAYITLCEDY ALKEAKDVDK KIANGDKVGR LAGIPIAIKD NICTDGIKTT CASKMLYDFV PPYDATVIKK LKAEDAIIIG KVNMDEFAMG SSTENSAFKI TKNPRDITRV PGGSSGGSAA VVAAKMAPIS LGSDTGGSIR QPAAFCGVVG LKPTYGLVSR FGLIAFASSL DQIGPLGKTV KDCAELLEVI SGEDELDNTS SKKHEKEDYL EGIDDGIKGM KIGMPKEFLN DGLDPEIRKC IDDTIEKLKS LGAEVCEMSL PITEEGLSAY YIISSAEASS NLARFDGIRY GYRPDDFEDV YDLMETSRSE AFGDEVKRRI MLGTYALSSG YYDAYYKRAL KLKKKIKNEF KEAFENYDLI LSPVSPVLPF KIGEKKADPL QMYLADIYTV NINLAGIPAI SLPCSVSKEG LPIGLQLLGP HFGEKKIFRA ARALEKER
Specificity:	Clostridium acetobutylicum (strain ATCC 824 / DSM 792 / JCM 1419 / LMG 5710 / VKM B-1787)
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:	GATA2
Alternative Name:	Glutamyl-tRNA (Gln) amidotransferase subunit A 2 (gatA2) (GATA2 Products)
Background:	Recommended name: Glutamyl-tRNA(Gln) amidotransferase subunit A 2. Short name= Glu-ADT subunit A 2. EC= 6.3.5.-
UniProt:	Q97EX8
Pathways:	Stem Cell Maintenance

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

Handling

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

