Datasheet for ABIN7584422

GATA1 Protein (AA 1-413) (His tag)

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Overview

Quantity:	100 µg
Target:	GATA1
Protein Characteristics:	AA 1-413
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GATA1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MDFPGLGALG TSEPLPQFVD SALVSSTSDS AGFFSSGPES LDTASSSTSP NAATAAATAL AYYREAEAYR HSPVFQVYPL LNSMEGIPGS SPYASWAYSK TALYPASTVC PSHEDAPSQT LEDPDGKNNN TFLETLKTER LSPDLLTLGT ALPTSLPVTS SAYGGADFPS PFFSPTGSPL SSAAYSSPKF HGSLPLAPCE ARECVNCGAT ATPLWRRDRT GHYLCNACGL YHKMNGQNRP LIRPKKRMIV SKRAGTQCTN CQTTTTTLWR RNASGDPVCN ACGLYYKLHQ VNRPLTMRKD GIQTRNRKAS GKGKKKRGSS LAGAGAAEGP AGGFMVVAGG SSSGNCGEVA PGLTLGTAGT AHLYQGLGPV VLSGPVSHLM SFPGPLLGSP TASFPTGPVP TTTSTSVVSP LSS
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.
Purity:	> 90 %

Target Details

Target:	GATA1
Alternative Name:	Erythroid transcription factor (Gata1) (GATA1 Products)
Background:	Recommended name: Erythroid transcription factor. Alternative name(s): Eryf1 GATA-binding factor 1. Short name= GATA-1. Short name= GF-1 NF-E1 DNA-binding protein
UniProt:	P43429
Pathways:	Cellular Response to Molecule of Bacterial Origin

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.