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Datasheet for ABIN1474350
GATA4 Protein (AA 1-440) (His tag)

Overview

Quantity:	1 mg
Target:	GATA4
Protein Characteristics:	AA 1-440
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GATA4 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MYQSLAMAAN HGPPPGAYEA GGPGAFMHSA GAASSPVYVP TPRVPSSVLG LSYLQGGGSG AASGATSGGS SGAGPSGAGP GTQQGSPGWS QAGAEGAAYT PPPVSPRFSF PGTTGSLAAA AAAAAAREAA AYSSSGGAAG AGLAGREQYG RPGFAGSYSS PYPAYMADVG ASWAAAAAAS AGPFDSPVLH SLPGRANPAR HPNLDMFDDF SEGRECVNCG AMSTPLWRRD GTGHYLCNAC GLYHKMNGIN RPLIKPQRRS SASRRVGLSC ANCQTTTTTL WRRNAEGEPV CNACGLYMKL HGVRPLAMR KEGIQTRKRK PKNLNKSKTP AGPPGESLPP SSGASSNSSN ATSSSSSSEE MRPIKTEPGL SSHYGHSSSM SQTFFSTVSGH GSSIHPVLSA LKLSPPQGYPS PVTQTSQASS KQDSWNSLVL ADSHGDIITA
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.

Product Details

Purity: > 90 %

Target Details

Target: GATA4

Alternative Name: Transcription factor GATA-4 (Gata4) ([GATA4 Products](#))

Background: Recommended name: Transcription factor GATA-4.
Alternative name(s): DNA-binding protein GATA-GT2 GATA-binding factor 4

UniProt: [P46152](#)

Pathways: [Peptide Hormone Metabolism](#), [Carbohydrate Homeostasis](#)

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

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