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Datasheet for ABIN1661179
GATA3 Protein (AA 1-435) (His tag)

Overview

Quantity:	1 mg
Target:	GATA3
Protein Characteristics:	AA 1-435
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GATA3 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MEVSAEQPRW VSHPHHPALL NGQHTDSHHQ VHNYMDPSQY PPPEDMDVLF NIDAQGNHVP SYYSNSVRTV PRYPPPHHGS LVCHPSILQS WTDGRKSLGG PHAASAWNLP FTKPSIHHNS PGGLSVYPPA SSASLATGHS SPHLFTFPPT PPKDVSPDPS ISTSGSTSSS RHEEKECVVS KYQVSLGDTG MKLES LHPRN SMSGIGGVSA HHPITTPDY YGAGLFQPGS ILDGSPTHFS SNARPKTRSS TEGRECVNCG ATSTPLWRRD GTGHYLCNAC GLYHKMNGQN RPLIKPKRRL SAARRAGTSC ANCQTTTTTL WRRNANGDPV CNACGLYYKL HNINRPLTMK KEGIQRNRK MSSKSKKSKK FHDSLEDYPK SSSFSPAALS RHMSSLSHIP FSHSSHMLTT PTPMHPPSSL SFGPHHPSSM VTAMG
Specificity:	Xenopus laevis (African clawed frog)
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: GATA3

Alternative Name: GATA-binding factor 3 (gata3) ([GATA3 Products](#))

Background: Recommended name: GATA-binding factor 3.
Alternative name(s): Transcription factor xGATA-3

UniProt: [P23773](#)

Pathways: [Hormone Transport](#), [Regulation of Hormone Metabolic Process](#), [Tube Formation](#)

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.