Datasheet for ABIN1613072

RUNX1 Protein (AA 1-462) (His tag)

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Overview

Quantity:	1 mg
Target:	RUNX1
Protein Characteristics:	AA 1-462
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This RUNX1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MRIPVDTSTS RRFTPPSTTL SPGKMSEPIP LNIADSSAAL VGKLRSTDRN MVEVLSDHPG ELVRTDSPNF LCSVLPTHWR CNKTLPIAFK VVALGEVPDG TLVTVMAGND ENYSAELRNA TAAMKSQVAR FNDLRFVGRS GRGKSFTLTI TVFTNPPQVA TYHRAIKITV DGPREPRRHR QKLDEQTKPG NLSFSERLSE LEHFRRTAMR VSPHHPNPMP NPRATLNHSA AFNPQPQGQI QVADTRQVQA SPPWSYDQSY QYLGSIATQS VHPATPISPG RASSMTSLSA ELSSRLSGAS DLTAFSDPRV GIDRQFSTLP SISDPRMHYP GAFTYTPTPV TSGIGIGMSA MTSATRYHTY LPPPYPGSSQ AQSNPFQTSS PSYHLYYGTS AGSYHQFSMM SGGERSPPRI LPPCTNASTG STLLNPNLPN QSDVVEAEGS HSNSPTNMGS TPRLEEAVWR PY
Specificity:	Xenopus laevis (African clawed frog)
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:	RUNX1
Abstract:	RUNX1 Products
Background:	Recommended name: Runt-related transcription factor 1. Alternative name(s): Acute myeloid leukemia 1 protein. Short name= XAML Core-binding factor subunit alpha-2. Short name= CBF-alpha-2
UniProt:	Q6PF39

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.

