

Datasheet for ABIN1662613 SOXA Protein (AA 1-387) (His tag)



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1 Image

Overview

Quantity:	1 mg
Target:	SOXA
Protein Characteristics:	AA 1-387
Origin:	Bacillus
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SOXA protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSTHFDVIVV GAGSMGMAAG YYLAKQGVKT LLVDSFDPPH TNGSHHGDTTR IIRHAYGEGR EYVPFALRAQ ELWYELEKET HHKIFTQTGV LVYGPKGGSF FVSETMEAAN IHSLEHELFE GKQLTDRWAG VEVDPNIEAI FEPNSGVLFSE ENCIQAYREL AEAHGATVLT YTPVEDFEVT EDLVTIKTAK GSYTANKLVV SMGAWNSKLL SKLDVEIPLQ PYRQVVGFFE CDEAKYSNNA HYPAFMVEVE NGIYYGFPSF GSGSLKIGYH SYGQQIDPDT INREFGAYPE DEANLRKFLE QYMPGANGEL KKGAVCMYTK TPDEHFVIDL HPKYSNVAIA AGFSGHGFKF SSVVGETLAQ LATTGKTEHD ISIFSLNRDA LKKEAVK
Specificity:	Bacillus sp. (strain NS-129)
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.
Purity:	> 90 %

Target Details

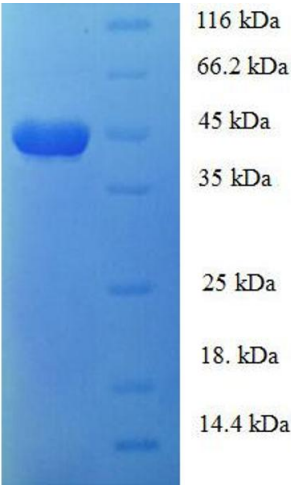
Target:	SOXA
Alternative Name:	Monomeric sarcosine oxidase (soxA) (SOXA Products)
Background:	Recommended name: Monomeric sarcosine oxidase. Short name= MSOX. EC= 1.5.3.1
UniProt:	P23342

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 modiflicated 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.



SDS-PAGE

Image 1. SoxA Gene Product (SOXA) (AA 1-387) protein (His tag) expressed in E. coli