

Datasheet for ABIN7586267

SUOX Protein (AA 1-393) (His tag)



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Overview

Quantity:	100 µg
Target:	SUOX
Protein Characteristics:	AA 1-393
Origin:	Arabidopsis thaliana
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SUOX protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MPGIRGPSEY SQEPPRHPSL KVNAKEPFNA EPPRSALVSS YVTPVDLFYK RNHGPIPIVD HLQSYSVTLT GLIQNPRKLF IKDIRSLPKY NVTATLQCAG NRRTAMSKVR NVRGVGWDVS AIGNAVWGGA KLADVLELVG IPKLTASTNL GARHVEFVSV DRCKEENG GP YKASITLSQA TNPEADVLLA YEMNGETLNR DHGFPLRVVV PGVIGARSVK WLDSINVIAE ESQGFFMQKD YKMFPPSVNW DNINWSSRRP QMDFPVQSAI CSVEDVQMVK PGKVSIGYA VSGGGRGIER VDISLDGGKN WVEASRTQEP GKQYISEHSS SDKWAWVLFE ATIDVSQTTE VIAKAVIDSAA NVQPENVESV WNLRGVLNTS WHRVLLRLGH SNL
Specificity:	Arabidopsis thaliana (Mouse-ear cress)
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:	SUOX
Alternative Name:	Sulfite oxidase (SOX) (SUOX Products)
Background:	Recommended name: Sulfite oxidase. EC= 1.8.3.1. Alternative name(s): Moco-containing protein AtMCP. Short name= At-SO. Short name= AtSOX
UniProt:	Q9S850

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.