Datasheet for ABIN7586096

SCP2 Protein (AA 1-547) (His tag)

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Overview

Quantity:	100 µg
Target:	SCP2
Protein Characteristics:	AA 1-547
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SCP2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MPSVALNSPR LPRVFVVGVG MTKFMKPGGE NSRDYPDLAK EAGQKALADR QIPYSAVEQA CVGYVYGEST CGQRAIYHSL GLTGIPIINV NNNCSTGSTA LFMAQQLVQG GLANCVLALG FEKMEKGSLG TKYSDRSNPL EKHIDVLINK YGMSACPFAP QLFGSAGKEH METYGTKVEH FAKIGWKNHK HSVNNPYSQF QDEYSLDEIM KSRPVFDFLT VLQCCPTSDG AAAAIVSSEE FVQKHGLQSK AVEIVAQEMV TDMPSTFEEK SVIKMVGYDM SKEAARKCYE KSGLGPSDVD VIELHDCFST NELLTYEALG LCPEGQGGAL VDRGDNTYGG KWVINPSGGL ISKGHPLGAT GLAQCAELCW QLRGEAGKRQ VPGAKVALQH NLGLGGAAVV TLYRMGFPEA ASSFRTHQIS AAPTSSAGDG FKANLIFKEI EKKLEEEGEE FVKKIGGIFA FKVKDGPGGK EATWVVDVKN GKGSVLPDSD KKADCTITMA DSDLLALMTG KMNPQSAFFQ GKLKIAGNMG LAMKLQSLQL QPDKAKL
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien

Product Details

	cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	SCP2
Alternative Name:	Non-specific lipid-transfer protein (Scp2) (SCP2 Products)
Background:	Recommended name: Non-specific lipid-transfer protein. Short name= NSL-TP. EC= 2.3.1.176. Alternative name(s): Propanoyl-CoA C-acyltransferase SCP-chi SCPX Sterol carrier protein 2. Short name= SCP-2 Sterol carrier protein X. Short name= SCP-X
UniProt:	P11915
Pathways:	C21-Steroid Hormone Metabolic Process, Monocarboxylic Acid Catabolic Process

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

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.