

Datasheet for ABIN7590921

SCPEP1 Protein (AA 29-452) (His tag)



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Overview

Quantity:	100 µg
Target:	SCPEP1
Protein Characteristics:	AA 29-452
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SCPEP1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	LN WREQEGKEVW DYVTVREDAR MFWWLYYATN PCKNFSELPL VMWLQGGPGG SSTGFGNFEE IGPLDTRLKP RNTTWLQWAS LLFVDNPVGT GFSYVNTTDA YAKDLDTVAS DMMVLLKSFF DCHKEFQTVF FYIFSESYGG KMAAGISLEL HKAIQQGTIK CNFSGVALGD SWISPVDVSL SWGPYLYSVS LLDNKGLEAV SDIAEQVLNA VNKGIFYKEAT QLWGKAEMII EKNTDGVNFI NILTKSTPDT SMESSEFFR SPLVRLCQRH VRHLQGDALS QLMNGPIKKK LKIIPDDVSW GAQSSSVFIS MEEDFMKPVI DIVDTLLELG VNVTVYNGQL DLIVDTIGQE SWVQKLKWPQ LSRFNQLKWK ALYTNPKSSE TSAFVKSYEN LAFYWILKAG HMVPADQGDM ALKMMRLVTQ QE
Specificity:	Rattus norvegicus (Rat)
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:	SCPEP1
Alternative Name:	Retinoid-inducible serine carboxypeptidase (Scpep1) (SCPEP1 Products)
Background:	Recommended name: Retinoid-inducible serine carboxypeptidase. EC= 3.4.16.-. Alternative name(s): Serine carboxypeptidase 1
UniProt:	Q920A6

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.