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Datasheet for ABIN1461036

SFRP1 Protein (AA 26-308) (His tag)

Overview

Quantity:	1 mg
Target:	SFRP1
Protein Characteristics:	AA 26-308
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SFRP1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	SEYDY VSFQSDIGAY QSGRFYTKPP QCVDIPADLR LCHNVGYKRM VLPNLEHET MAEVKQQASS WVPLLKNKNCH IGTQVFLCSL FAPVCLDRPI YPCRWLCEAV RDSCEPVMQF FGFYWPEMLK CDKFPEGDVC IAMTPPNATE ASKPQGTTVC PPCDNELKSE AIIHLCASE FALRMKIKEV KKENGDKKIV PKKKKPLKLG PIKKKELKKL VLYLKNGADC PCHQLDNLSH HFLIMGRKVK SQYLLTAIHK WDKKNKEFKT FMKKMKNHEC PTFQSVFK
Specificity:	Bos taurus (Bovine)
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:	SFRP1
Abstract:	SFRP1 Products
Background:	Recommended name: Secreted frizzled-related protein 1. Short name= sFRP-1. Alternative name(s): Frizzled in aorta protein. Short name= FrzA protein
UniProt:	O19116
Pathways:	WNT Signaling , Intracellular Steroid Hormone Receptor Signaling Pathway , Negative Regulation of Hormone Secretion , Regulation of Intracellular Steroid Hormone Receptor Signaling , Stem Cell Maintenance , Tube Formation , Positive Regulation of fat Cell Differentiation

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

Handling

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.