

Datasheet for ABIN7596442

SFRP2 Protein (AA 25-295) (His tag)[Go to Product page](#)

Overview

Quantity:	250 µg
Target:	SFRP2
Protein Characteristics:	AA 25-295
Origin:	Mouse
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SFRP2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	LFLFGQP DFSYKRSNCK PIPANLQLCH GIEYQNMRLP NLLGHETMKE VLEQAGAWIP LVMKQCHPDT KKFLCSLFAP VCLDDLDETI QPCHSLCVQV KDRCAPVMSA FGFPWPDMLE CDRFPQDNDL CIPLASSDHL LPATEEAPKV CEACKTKNED DNDIMETLCK NDFALKIKVK EITYINRDTK IILETKSKTI YKLNGVSEED LKKSVLWLKD SLQCTCEEMN DINAPYLVMG QKQGGEVLIT SVKRWQKGQR EFKRISRSIR KLQC
Purity:	> 90% by SDS-PAGE
Endotoxin Level:	< 1 EU per 1 µg of protein (determined by LAL method)

Target Details

Target:	SFRP2
Alternative Name:	sFRP-2/SFRP2 (SFRP2 Products)

Target Details

Background:	SFRP-2, also known as Secreted apoptosis-related protein 1, is a member of the SFRP family that contains a cysteine-rich domain homologous to the putative Wnt-binding site of Frizzled proteins. Soluble frizzled-related proteins (sFRPS) function as modulators of Wnt signaling through direct interaction with Wnts. sFRP-2 can exert either positive or negative effects on Wnt signaling. At physiological concentrations, it also inhibits BMP-induced effects. It plays a variety of roles during tissue morphogenesis including inhibition of the planar cell polarity pathway and myoblast and osteoblast differentiation. It is also expressed in multiple myeloma and glioma in which it promotes tumorigenicity. Recombinant mouse sFRP-2, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	32.1kDa (280aa)
NCBI Accession:	NP_033170
Pathways:	WNT Signaling , Tube Formation , Positive Regulation of Endopeptidase Activity , Negative Regulation of intrinsic apoptotic Signaling , Positive Regulation of fat Cell Differentiation

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.