Datasheet for ABIN6387920

SFRP4 Protein (AA 19-346) (His tag)

1 Image

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Overview

Quantity:	50 µg
Target:	SFRP4
Protein Characteristics:	AA 19-346
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SFRP4 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	ADPVRGAPCE AVRIPMCRHM PWNITRMPNH LHHSTQENAI LAIEQYEELV DVNCSAVLRF FLCAMYAPIC TLEFLHDPIK PCKSVCQRAR DDCEPLMKMY NHSWPESLAC DELPVYDRGV CISPEAIVTD LPEDVKWIDI TPDMMVQERP LDVDCKRLSP DRCKCKKVKP TLATYLSKNY SYVIHAKIKA VQRSGCNEVT TVVDVKEIFK SSSPIPRTQV PLITNSSCQC PHILPHQDVL IMCYEWRSRM MLLENCLVEK WRDQLSKRSI QWEERLQEQR RTVQDKKKTA GRTSRSNPPK PKGKPPAPKP ASPKKNIKTR SAQKRTNPKR VHHHHHH
Purity:	> 90 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)

Target Details

Target:	SFRP4

Target Details

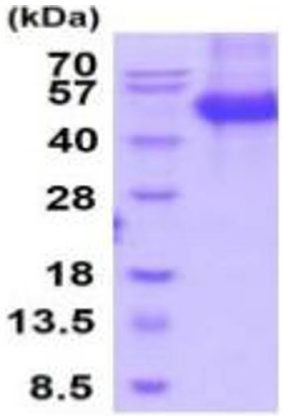
Alternative Name:	SFRP4 (SFRP4 Products)
Background:	SFRP4, also known as secreted frizzled-related protein4, is a family of vertebrate proteins which contain homology to the ligand-binding domain of the Frizzled family of transmembrane receptors. It is expressed in brain, kidney, lung, ovary, prostate, mammary gland and endometrium. This protein act as soluble modulators of Wnt signaling, counteracting Wnt-induced effects at high concentrations and promoting them at lower concentrations. It is able to bind Wnt proteins and Frizzled receptors in the extracellular compartment. Recombinant human SFRP4, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	38.9kDa (337aa) 40-57KDa (SDS-PAGE under reducing conditions.)
NCBI Accession:	NP_003005
UniProt:	Q6FHJ7
Pathways:	WNT Signaling

Application Details

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

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.