

Datasheet for ABIN935792 **SFRP1 Protein**



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Overview

Quantity:	20 µg
Target:	SFRP1
Origin:	Human
Source:	HeLa Cells
Protein Type:	Recombinant
Biological Activity:	Active

Product Details

Sequence:	SEYDYVSFQS DIGPYQSGRF YTKPPQCVDI PADLRLCHNV GYKMMVLPNL LEHETMAEVK QQASSWVPLL NKNCHAGTQV FLCSLFAPVC LDRPIYPCRW LCEAVRDSCE PVMQFFGFYW PEMLKCDKFP EGDVCIAMTP PNATEASKPQ GTTVCPPCDN ELKSEAIIEH LCASEFALRM KIKEVKKENG DKKIVPKKKK PLKLGPIKKK DLKKLVLVLYK NGADCPCHQL DNLSHHFLIM GRKVKSQYLL TAIHKWDKKN KEFKNFMKKM KNHECPTFQS VFK
Characteristics:	Purified recombinant Human sFRP1 protein Expression System: HeLa cells Bioactivity: Determined by its ability to inhibit BMP-2 proliferation effect of ATDC-5 cells. The expected ED50 is 0.3-0.5 µg/mL.
Purity:	> 97 % pure
Endotoxin Level:	< 0.1 ng per µg (1 EU/µg).

Target Details

Target:	SFRP1
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Target Details

Alternative Name: [sFRP1 \(SFRP1 Products\)](#)

Background: Secreted Frizzled Related Proteins (sFRPs) modulate WNT signaling by binding directly to WNT proteins in a manner that affects their receptor binding and signaling capabilities. sFRP-1 is a widely distributed protein that can bind directly to WNT1, WNT2, and possibly other WNT proteins, and generally exerts anti-proliferative effects consistent with activity as a WNT antagonist. It also inhibits apoptosis and has been found to be down-regulated in many solid tumors, but up-regulated in uterine leiomyomas.

Alternative Names: SFRP-1 protein, Secreted Frizzled Related Protein 1 protein, sFRP-1 protein, sFRP 1, sFRP 1 protein, Secreted Apoptosis Related Protein-2 protein, sFRP-1, sFRP1, Soluble Frizzled Related Protein-1 protein, SARP-2 protein

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

Application Notes: Each Investigator should determine their own optimal working dilution for specific applications.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Supplied as a lyophilized powder.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: Store at 4 °C until reconstitution. Following reconstitution aliquot and freeze at -20 °C for long term storage.
