

Recombinant Human SFRP1

Cat. No. SFRP1-8311H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SFRP1 was expressed in HeLa Cells.
Species	Human
Source	HeLa
Description	Secreted Frizzled Related Protein-1 also known as SFRP1 is a member of the secreted frizzled-related proteins (sFRPs) which are glycoproteins that are negative regulators of the Wnt pathway. SFRP1 is strongly expressed throughout embryonic development in different vertebrate species. It regulates cell proliferation, differentiation and apoptosis and negatively regulates bone formation. SFRP1 expression might be useful as a novel prognostic marker in early stage breast cancer. SFRP 1 is also a candidate tumor suppressor gene for lung cancer.
Molecular Mass	The molecular weight of Recombinant Human sFRP-1 is Mr 35-40 kDa.
Endotoxin	<0.1 eu/μg as determined by the LAL
Purity	>97% by SDS-PAGE and HPLC
Storage	This lyophilized protein is stable for six to twelve months when stored desiccated at -20°C to -70°C. After aseptic reconstitution, this protein may be stored at 2°C to 8°C for one month or at -20°C to -70°C in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles.

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GENE INFORMATION

Gene Name	SFRP1 secreted frizzled-related protein 1 [Homo sapiens]
Official Symbol	SFRP1
Synonyms	SFRP1; secreted frizzled-related protein 1; FRP; FRP 1; SARP2; SARP-2; sFRP-1; secreted apoptosis-related protein 2; FRP1; FrzA; FRP-1;
Gene ID	6422
mRNA Refseq	NM_003012
Protein Refseq	NP_003003
MIM	604156
UniProt ID	Q8N474
Chromosome Location	8p11.21
Pathway	Validated targets of C-MYC transcriptional repression, organism-specific biosystem; Wnt Signaling Pathway NetPath, organism-specific biosystem; Wnt signaling pathway, organism-specific biosystem; Wnt signaling pathway, conserved biosystem;
Function	PDZ domain binding; Wnt-activated receptor activity; Wnt-protein binding; cysteine-type endopeptidase activity; drug binding; frizzled binding; heparin binding; identical protein binding;

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