

# Active Recombinant Human SFRP1

**Cat. No.** SFRP1-222H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human SFRP1 (Accession # AAB70793) Ser32-Lys314 was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>ProteinLength</b>	32-314 a.a.
<b>Predicted N Terminal</b>	Ser32, Phe39 (minor) & Asp42 (minor)
<b>Form</b>	Lyophilized from a 0.2 µ filtered solution in Phosphate and NaCl.
<b>Bio-activity</b>	Measured by its ability to inhibit proliferation of HeLa human cervical epithelial carcinoma cells. Ko, L. et al. (2002) Exp. Cell Res. 280:280. The ED50 for this effect is typically 0.15-0.75 µg/mL.
<b>Molecular Mass</b>	Recombinant Human SFRP1 has a calculated MW of 32.6 kDa. In SDS-PAGE migrates as 33-40 kDa, reducing conditions.
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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## GENE INFORMATION

<b>Gene Name</b>	SFRP1 secreted frizzled-related protein 1 [ Homo sapiens ]
<b>Official Symbol</b>	SFRP1
<b>Synonyms</b>	SFRP1; secreted frizzled-related protein 1; FRP; FRP 1; SARP2; SARP-2; sFRP-1; secreted apoptosis-related protein 2; FRP1; FrzA; FRP-1;
<b>Gene ID</b>	6422
<b>mRNA Refseq</b>	NM_003012
<b>Protein Refseq</b>	NP_003003
<b>MIM</b>	604156
<b>UniProt ID</b>	Q8N474
<b>Chromosome Location</b>	8p11.21

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