

Active Recombinant Human SFRP1

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

SPECIFICATION

Product Overview	Recombinant Human SFRP1 (Accession # AAB70793) Ser32-Lys314 was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	32-314 a.a.
Predicted N Terminal	Ser32, Phe39 (minor) & Asp42 (minor)
Form	Lyophilized from a 0.2 µ filtered solution in Phosphate and NaCl.
Bio-activity	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.
Molecular Mass	Recombinant Human SFRP1 has a calculated MW of 32.6 kDa. In SDS-PAGE migrates as 33-40 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	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

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

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