

Active Recombinant Human SFRP2

Cat. No. SFRP2-299H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SFRP2 (Accession # AAH08666) Leu25-Cys295 was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	25-295 a.a.
Predicted N Terminal	Leu25 (major) & Phe26 (minor)
Form	Lyophilized from a 0.2 µ filtered solution in PBS and NaCl with BSA as a carrier protein.
Bio-activity	Measured by its ability to synergize with Wnt-3a to induce Topflash reporter activity in HEK293T human embryonic kidney cells. The ED50 for this effect is typically 10-40 ng/mL in the presence of 20 ng/mL of Recombinant Mouse Wnt-3a .
Molecular Mass	Recombinant Human SFRP2 has a calculated MW of 31 kDa. In SDS-PAGE migrates as 34-36 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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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months (-70°C).

Reconstitution

Reconstitute at 200 µg/mL in PBS containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION

Gene Name

SFRP2 secreted frizzled-related protein 2 [Homo sapiens]

Official Symbol

SFRP2

Synonyms

SFRP2; secreted frizzled-related protein 2; FRP 2; SARP1; SDF 5; SARP-1; sFRP-2; secreted apoptosis related protein 1; secreted apoptosis-related protein 1; FRP-2; SDF-5;

Gene ID

6423

mRNA Refseq

NM_003013

Protein Refseq

NP_003004

MIM

604157

UniProt ID

Q96HF1

**Chromosome
Location**

4q31.3

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