

## Active Recombinant Human SFRP2

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

### SPECIFICATION

|                             |                                                                                                                                                                                                                                            |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant Human SFRP2 (Accession # AAH08666) Leu25-Cys295 was produced in Mouse myeloma cell line, NS0-derived.                                                                                                                          |
| <b>Species</b>              | Human                                                                                                                                                                                                                                      |
| <b>Source</b>               | Mammalian Cells                                                                                                                                                                                                                            |
| <b>ProteinLength</b>        | 25-295 a.a.                                                                                                                                                                                                                                |
| <b>Predicted N Terminal</b> | Leu25 (major) & Phe26 (minor)                                                                                                                                                                                                              |
| <b>Form</b>                 | Lyophilized from a 0.2 µ filtered solution in PBS and NaCl with BSA as a carrier protein.                                                                                                                                                  |
| <b>Bio-activity</b>         | 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 . |
| <b>Molecular Mass</b>       | Recombinant Human SFRP2 has a calculated MW of 31 kDa. In SDS-PAGE migrates as 34-36 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                                                              |

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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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