

## Active Recombinant Human SFRP4 protein, His-tagged

Cat. No. SFRP4-247H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Active Recombinant Human SFRP4 protein(NP_003005.2) (Met1-VAL346) was expressed in CHO with a polyhistidine tag at the C-terminus.
<b>Species</b>	Human
<b>Source</b>	CHO
<b>ProteinLength</b>	1-346 aa
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4.
<b>Bio-activity</b>	Measured by its ability to inhibit Wnt3a induced alkaline phosphatase production by C3H10T 1/2 2A6 mouse embryonal fibroblast cells. The ED50 for this effect is typically 2-20 µg/mL in the presence of 20 ng/mL of Wnt3a.
<b>Molecular Mass</b>	The recombinant human SFRP4 consists 336 amino acids and predicts a molecular mass of 39 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

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**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** SFRP4 secreted frizzled-related protein 4 [ Homo sapiens ]

**Official Symbol** SFRP4

**Synonyms** SFRP4; secreted frizzled-related protein 4; FRP 4; FRPHE; frpHE; sFRP-4; frizzled protein, human endometrium; FRP-4; MGC26498;

**Gene ID** 6424

**mRNA Refseq** NM\_003014

**Protein Refseq** NP\_003005

**MIM** 606570

**UniProt ID** Q6FHJ7

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