

Active Recombinant Human SFRP4 protein, His-tagged

Cat. No. SFRP4-864H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human SFRP4 protein(NP_003005.2) (Met 1-Val 346) was expressed in HEK293 with a C-terminal polyhistidine tag.
Species	Human
Source	HEK293
ProteinLength	1-346 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	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 1-6 µg/mL in the presence of 20 ng/mL of Wnt3a.
Molecular Mass	The recombinant human sFRP4 consists of 336 amino acids after removal of the signal peptide and has a predicted molecular mass of 39 kDa. In SDS-PAGE under reducing conditions, it migrates with an apparent molecular mass of 55-60 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to

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aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

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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SDS-PAGE

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