

## Recombinant Mouse SFRP1 protein(Met1-Lys314), His-tagged

Cat. No. SFRP1-790M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse SFRP1 (AAC53145.1) (Met1-Lys314) was expressed in CHO with a polyhistidine tag at the C-terminus.
<b>Species</b>	Mouse
<b>Source</b>	CHO
<b>ProteinLength</b>	Met1-Lys314
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bio-activity</b>	Measured by its ability to inhibit Topflash reporter activity in HEK293T human embryonic kidney cells. The ED50 for this effect is typically 0.4-2 µg/mL in the presence of 300 ng/mL of Recombinant Mouse Wnt-3a.
<b>Molecular Mass</b>	The recombinant mouse SFRP1 consists of 283 amino acids and predicts a molecular mass of 32.6 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE.
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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be aliquoted 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**

Sfrp1 secreted frizzled-related protein 1 [ Mus musculus ]

**Official Symbol**

SFRP1

**Synonyms**

SFRP1; secreted frizzled-related protein 1; secreted frizzled-related sequence protein 1; sFRP-1; AW011917; AW107218; AW742929; 2210415K03Rik;

**Gene ID**

20377

**mRNA Refseq**

NM\_013834

**Protein Refseq**

NP\_038862

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