

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

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

SPECIFICATION

Product Overview	Recombinant Mouse SFRP1 (AAC53145.1) (Met1-Lys314) was expressed in CHO with a polyhistidine tag at the C-terminus.
Species	Mouse
Source	CHO
ProteinLength	Met1-Lys314
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	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.
Molecular Mass	The recombinant mouse SFRP1 consists of 283 amino acids and predicts a molecular mass of 32.6 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	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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