

## Recombinant Mouse SFRP2 protein(Met1-Cys295), His-tagged

Cat. No. Sfrp2-862M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse sFRP2 (NP_033170.1) (Met 1-Cys 295) was expressed in HEK293 with a C-terminal polyhistidine tag.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-295 a.a.
<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>Molecular Mass</b>	The recombinant mouse sFRP2 consists of 282 amino acids after removal of the signal peptide and has a predicted molecular mass of 32.5 kDa. In SDS-PAGE under reducing conditions, it migrates with an apparent molecular mass of 36 kDa due to glycosylation.
<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>	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 be aliquoted 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** Sfrp2 secreted frizzled-related protein 2 [ Mus musculus ]

**Official Symbol** SFRP2

**Synonyms** SFRP2; secreted frizzled-related protein 2; SARP-1; sFRP-2; stromal cell derived factor 5; secreted apoptosis-related protein 1; secreted frizzled-related sequence protein 2; secreted frizzled-related sequence protein 5; Sdf5; AI851596;

**Gene ID** 20319

**mRNA Refseq** NM\_009144

**Protein Refseq** NP\_033170

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