

## Recombinant Mouse Sfrp2 Protein, His-tagged

**Cat. No.** Sfrp2-008M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant mouse sFRP-2, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
<b>Species</b>	Mouse
<b>Source</b>	Insect cells
<b>Description</b>	Soluble frizzled-related proteins (sFRPS) function as modulators of Wnt signaling through direct interaction with Wnts. They have a role in regulating cell growth and differentiation in specific cell types. SFRP2 may be important for eye retinal development and for myogenesis.
<b>Form</b>	Liquid
<b>Molecular Mass</b>	32.1 kDa
<b>AA Sequence</b>	LFLFGQPDFS YKRSNCKPI PANLQLCHGIEYQNMRLPNLLGHETMKEVLEQAGAWIP LVMKQCHPDTKKFLCSL FAPVCLDDLDETIQPC HSLCVQVKDRCAPVMSAFGFPWP DMLECDRFPQDNDLCI PLASSDHLLPATEEAPKVCEACKTKNEDDNDIMETLCKNDF ALKIKVKEITYINRDTKI ILETKSKTIYKLN GVSERDLKKS VLWLKDSLQCTCEEMNDIN APYLVMGQKQGGELVIT SVKRWQKGGREFKRISRSIRKLLQC
<b>Endotoxin</b>	< 1 EU/μg of protein (determined by LAL method)
<b>Purity</b>	> 90% by SDS-PAGE

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<b>Applications</b>	SDS-PAGE
<b>Storage</b>	Can be stored at +2 to +8 centigrade for 1 week. For long term storage, aliquot and store at -20 to -87 centigrade. Avoid repeated freezing and thawing cycles.
<b>Concentration</b>	0.25 mg/mL (determined by absorbance at 280nm)
<b>Storage Buffer</b>	20mM Tris-HCl buffer (pH 8.0) containing 100mM NaCl, 20% glycerol

## GENE INFORMATION

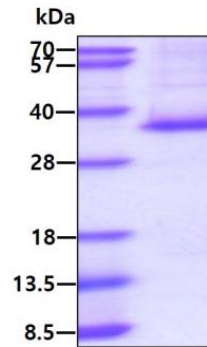
<b>Gene Name</b>	<a href="#">Sfrp2 secreted frizzled-related protein 2 [ Mus musculus (house mouse) ]</a>
<b>Official Symbol</b>	<a href="#">Sfrp2</a>
<b>Synonyms</b>	Sfrp2; secreted frizzled-related protein 2; Sdf; Sdf5; AI851596; secreted frizzled-related protein 2; SARP-1; sFRP-2; secreted apoptosis-related protein 1; secreted frizzled-related sequence protein 2; secreted frizzled-related sequence protein 5; stromal cell derived factor 5
<b>Gene ID</b>	<a href="#">20319</a>
<b>mRNA Refseq</b>	<a href="#">NM_009144</a>
<b>Protein Refseq</b>	<a href="#">NP_033170.1</a>
<b>UniProt ID</b>	<a href="#">P97299</a>

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**SDS-PAGE**



3  $\mu$ g by SDS-PAGE under reducing condition and visualized by coomassie blue stain

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