

Recombinant Mouse Sfrp2 Protein, His-tagged

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

SPECIFICATION

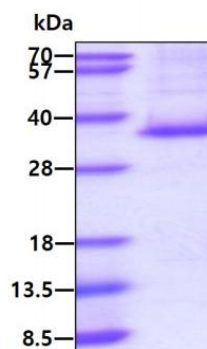
Product Overview	Recombinant mouse sFRP-2, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Species	Mouse
Source	Insect cells
Description	Soluble frizzled-related proteins (sFRPS) function as modulators of Wnt signaling through 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.
Form	Liquid
Molecular Mass	32.1 kDa
AA Sequence	LFLFGQPDFS YKRSNCKPI PANLQLCHGIEYQNMRLPNLLGHETMKEVLEQAGAWIP LVMKQCHPDTKKFLCSLFAPVCLDDLDETIQPCHSLCVQVKDRCAPVMSAFGFPWP DMLECDRFPQDNDLCIPLASSDHLLPATEEAPKVCEACKTKNEDDNDIMETLCKNDF ALKIKVKEITYINRDTKIILETKSKTIYKLNGVSE RDLKKSVLWLKDSLQCTCEEMNDIN APYLVMGQKQGGELVITSVKRWQKGQREFKRISRSIRKLQC
Endotoxin	< 1 EU/μg of protein (determined by LAL method)
Purity	> 90% by SDS-PAGE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	SDS-PAGE
Storage	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.
Concentration	0.25 mg/mL (determined by absorbance at 280nm)
Storage Buffer	20mM Tris-HCl buffer (pH 8.0) containing 100mM NaCl, 20% glycerol
GENE INFORMATION	
Gene Name	Sfrp2 secreted frizzled-related protein 2 [<i>Mus musculus</i> (house mouse)]
Official Symbol	Sfrp2
Synonyms	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
Gene ID	20319
mRNA Refseq	NM_009144
Protein Refseq	NP_033170.1
UniProt ID	P97299

SDS-PAGE

3 μ g by SDS-PAGE under reducing condition and visualized by coomassie blue stain

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