Active Recombinant Mouse Sfrp2, His-tagged

Cat. No. Sfrp2-223M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Sfrp2 (Accession # AAB70795) Leu25-Cys295, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
ProteinLength	25-295 a.a.
Predicted N Terminal	Leu25
Form	Lyophilized from a 0.2 μm filtered solution in PBS with BSA as a carrier protein.
Bio-activity	Measured by its ability to compete with Frizzled-1 for binding to biotinylated Wnt-3a.The IC50 value is 0.7-3.5 nM, under conditions in which Recombinant Mouse (rm) Frizzled-1 Fc Chimera is present at 2.1 nM, and biotinylated rmWnt-3a concentration is 2.7 nM.
Molecular Mass	Recombinant Mouse Sfrp2, His-tagged has a calculated MW of 31.6 kDa. In SDS-PAGE migrates as 35-40 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3

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

	months (-70ºC).
Reconstitution	Reconstitute at 100 g/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

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
MIM	

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