

Recombinant Mouse SOSTDC1 Protein (24-206 aa), His-Myc-tagged

Cat. No. SOSTDC1-2754M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse SOSTDC1 Protein (24-206 aa) is produced by Baculovirus expression system. This protein is fused with a 10xHis tag at the N-terminal and a Myc tag at the C-terminal. Protein Description: Full Length of Mature Protein.
Species	Mouse
Source	Insect Cells
ProteinLength	24-206 aa
Description	May be involved in the onset of endometrial receptivity for implantation/sensitization for the decidual cell reaction. Enhances Wnt signaling and inhibits TGF-beta signaling. Directly antagonizes activity of BMP2, BMP4, BMP6 and BMP7 in a dose-dependent manner.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	24.6 kDa
AA Sequence	FKNDATEILYSHVVKPVPAPHPSSNSTLNQARNGGRHFSSTGLDRNSRVQVGCRELR STKYISDGQCTSI SPLKELVCAGECLPLVLPNWIGGGYGTKYWSRRSSQEWRCVN DKTRTQRIQLQCQDGSTRTYKITVVTACKCKRYTRQHNESSHNFESVSPAKPAQHH RERKRASKSSKHLS

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Purity	> 85% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

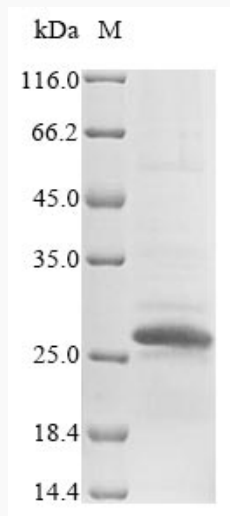
GENE INFORMATION

Gene Name	Sostdc1 sclerostin domain containing 1 [Mus musculus]
Official Symbol	SOSTDC1
Synonyms	SOSTDC1; ectodermal BMP inhibitor; Wise; Sostl; USAG-1; ectodin; 0610006G05Rik;
Gene ID	66042
mRNA Refseq	NM_025312
Protein Refseq	NP_079588
UniProt ID	Q9CQN4

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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