

Recombinant Mouse Sost Protein, His-tagged

Cat. No. Sost-010M **Lot. No.** (See product label)

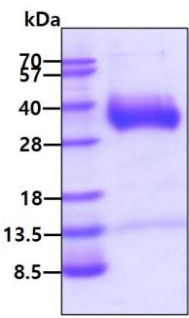
SPECIFICATION

Product Overview	Recombinant mouse SOST/Sclerostin, fused to His-tag at C-terminus, was expressed in HEK293 cell and purified by using conventional chromatography techniques.
Species	Mouse
Source	HEK293
Description	Negative regulator of bone growth that acts through inhibition of Wnt signaling and bone formation.
Form	Liquid
Molecular Mass	21.9 kDa
AA Sequence	QGWQAFRNDATEVIPGLGEYPEPPPENNTMTNRAENGGRPPHHPYDAKDVSSEYS CRELHYTRFLTDGPCRSAPVTELVCSGQCQGPALLPNAIGRVKWWRPNGPDFRCI PDRYRAQRVQLLCPGGAAPRSRKVRLVASCKCKRLTRFHNQSELKDFGPETARPQ KGRKPRPGARGAKANQAELENAY
Endotoxin	< 1 EU/μg of protein (determined by LAL method)
Purity	> 90% by SDS-PAGE
Applications	SDS-PAGE

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Storage	Can be stored at +2 to +8 centigrade for 1 week. For long term storage, aliquot and store at -20 to -89 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	0.25 mg/mL (determined by Absorbance at 280nm)
Storage Buffer	Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol
GENE INFORMATION	
Gene Name	Sost sclerostin [Mus musculus (house mouse)]
Official Symbol	Sost
Synonyms	Sost; sclerostin; 5430411E23Rik; sclerostin
Gene ID	74499
mRNA Refseq	NM_024449
Protein Refseq	NP_077769.4
UniProt ID	Q99P68
SDS-PAGE	

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

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