

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	QGWQAFRNDATEVIPGLGEYPEPPPENNTMTNRAENGGRPPHHPYDAKDVSEYS CRELHYTRFLTDGPCRSAPVTELVCSGQCQPARLLPNAIGRVKWWRPNGPDFRCI 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

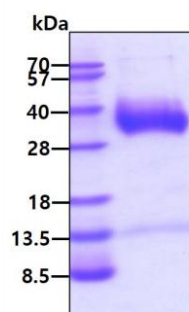
NM_024449

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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