

Active Recombinant Mouse Sost protein, His-tagged, Low Endotoxin

Cat. No. Sost-753M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Sost protein(Q99P68)(24-211 aa), fused with N-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	24-211 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Mouse SOST, His Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Human LRP-6, mFc Tag with the EC50 of 15.0ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 22 kDa. Due to glycosylation,the protein migrates to 30-40 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after

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reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name [Sost sclerostin \[Mus musculus \]](#)

Official Symbol [Sost](#)

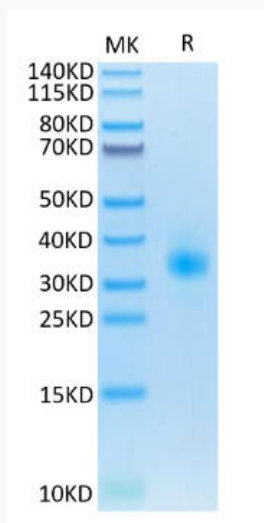
Synonyms SOST; sclerostin; 5430411E23Rik;

Gene ID [74499](#)

mRNA Refseq [NM_024449](#)

Protein Refseq [NP_077769](#)

Bis-Tris PAGE



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