

Recombinant Mouse Sost protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse Sost protein(Q99P68)(Gln24-Tyr211), fused with N-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Gln24-Tyr211
Tag	N-His
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 2ug/ml (100ul/well) on the plate. Dose response curve for Human LRP-6, mFc Tag with the EC50 of 15.0ng/ml determined by ELISA (QC Test).
Molecular Mass	The protein has a predicted MW of 22 kDa. Due to glycosylation,the protein migrates to 30-40 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE

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Storage Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

Reconstitution Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. 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](#)

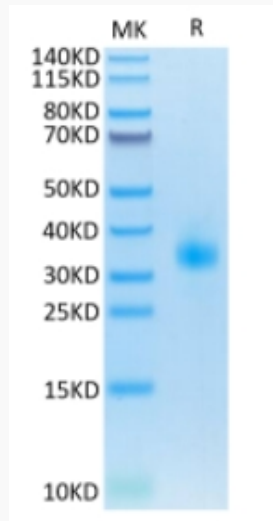
Protein Refseq [NP_077769](#)

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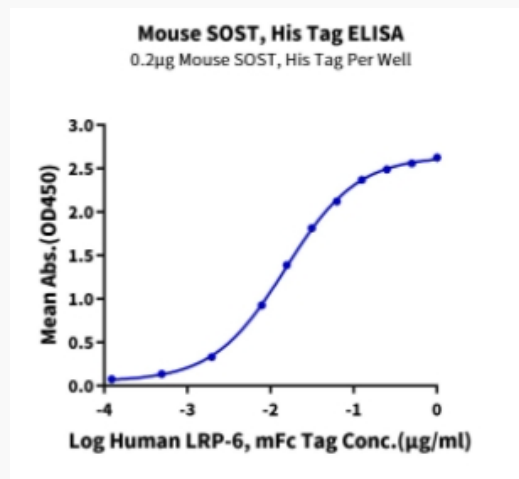
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Tris-Bis PAGE



ELISA Data



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