

Active Recombinant Human SOST protein, hFc-tagged, Low Endotoxin

Cat. No. SOST-4106H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SOST protein(Q9BQB4-1)(24-213 aa), fused with N-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	24-213 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human SOST, hFc Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Human LRP-6, mFc Tag with the EC50 of 8.2ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 47.05 kDa. Due to glycosylation, the protein migrates to 55-65 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	Store at -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3

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months after 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

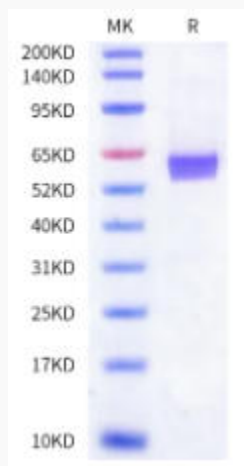
Gene Name	SOST sclerostin [Homo sapiens]
Official Symbol	SOST
Synonyms	SOST; sclerostin; sclerosteosis; VBCH;
Gene ID	50964
mRNA Refseq	NM_025237
Protein Refseq	NP_079513
MIM	605740
UniProt ID	Q9BQB4

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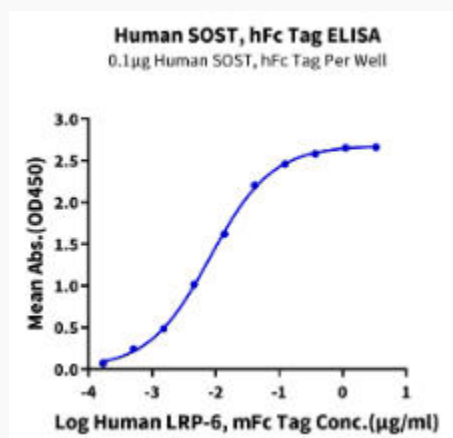
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Bis-Tris PAGE



ELISA Data



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