

Active Recombinant Human SOST protein, His-tagged

Cat. No. SOST-870H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human SOST protein(NP_079513.1) (Gln 24-Tyr 213) was expressed in HEK293, fused with a polyhistidine tag at the N-terminus.
Species	Human
Source	HEK293
ProteinLength	24-213 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human SOST, His Tag at 1µg/ml(100µl/well) on the plate. Dose response curve for Human LRP-6, mFc Tag with the EC50 of 18.6ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 22.61 kDa. Due to glycosylation, the protein migrates to 32-42 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.1 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 reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

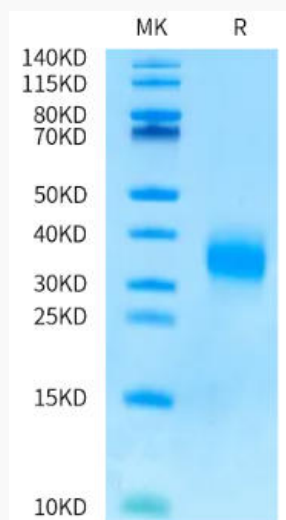
Gene Name	SOST sclerostin [Homo sapiens]
Official Symbol	SOST
Synonyms	SOST; sclerostin; sclerosteosis; VBCH;
Gene ID	50964
mRNA Refseq	NM_025237
Protein Refseq	NP_079513
MIM	605740
UniProt ID	Q9BQB4

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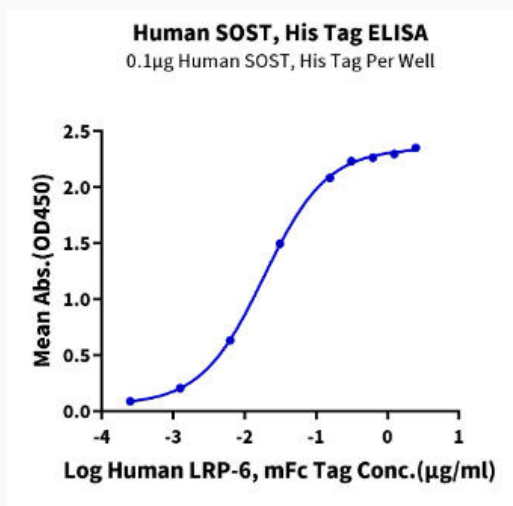
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Bis-Tris PAGE



ELISA Data



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