

Active Recombinant Human SOST protein, His-Avi-tagged, Biotinylated

Cat. No. SOST-471H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human SOST protein(Q9BQB4-1)(Gln24-Tyr213) is expressed from HEK293 with His and Avi tag at the N-Terminus.
Species	Human
Source	HEK293
ProteinLength	24-213 aa
Conjugation/Label	Biotin
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Biotinylated Human SOST, His Tag at 5µg/ml (100µl/well) on the streptavidin precoated plate (5µg/ml). Dose response curve for Human LRP-6, mFc Tag with the EC50 of 8.7ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 24.2 kDa. Due to glycosylation,the protein migrates to 28-40 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE

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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.
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GENE INFORMATION

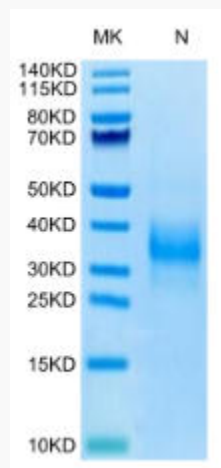
Gene Name	SOST sclerostin [Homo sapiens]
Official Symbol	SOST
Synonyms	SOST; sclerostin; sclerosteosis; VBCH;
Gene ID	50964
mRNA Refseq	NM_025237
Protein Refseq	NP_079513
MIM	605740
UniProt ID	Q9BQB4

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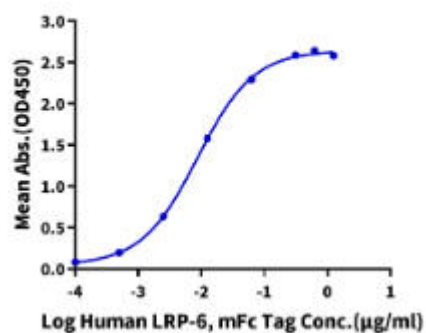
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Bis-Tris PAGE



ELISA Data

Biotinylated Human SOST, His Tag ELISA
0.5µg Biotinylated Human SOST, His Tag Per Well



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