

Active Recombinant Human SOST protein, His-tagged, Biotinylated

Cat. No. SOST-270H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human SOST protein(Gln 24 - Tyr 213), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Gln 24 - Tyr 213
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Human LRP-6 (20-630), Mouse IgG2a Fc Tag at 5 µg/mL (100 µL/well) can bind Biotinylated Human SOST, His Tag, primary amine labeling with a linear range of 0.005-0.313 µg/mL.
Molecular Mass	This protein carries a polyhistidine tag at the N-terminusThe protein has a calculated MW of 22.3 kDa. The protein migrates as 25-35 kDa under reducing (R) condition (SDS-PAGE) due to different glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	For long term, the product should be stored at lyophilized state at -20°C or

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lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

Conjugation

Biotin

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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