

SOST/Sclerostin Recombinant Protein | SOST recombinant protein

Biotinylated Human SOST/Sclerostin Protein Recombinant

CATALOG #	HOST
AAA76136	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

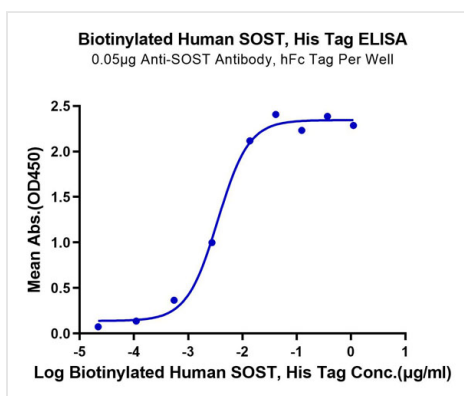
PRODUCT SYNONYMS

SOST/Sclerostin; Biotinylated Human SOST/Sclerostin Protein Recombinant; SOST recombinant protein

PRODUCT SPECIFICATIONS

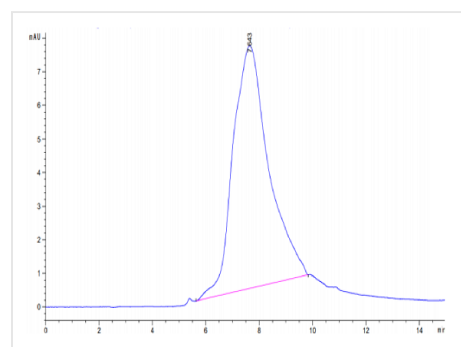
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human SOST/Sclerostin was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human SOST/Sclerostin including a N-His-Avi tag was expressed in HEK293 Cells. The recombinant protein was then biotinylated site specific using the AVItag biotinylation technology.
Endotoxin	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/ug (1EU/ug).
Molecular Function	Heparin-binding
Reconstitution	Centrifuge vial to ensure maximal product extraction, recommended: 20sec, 5K RPM
Preparation and Storage	The lyophilized protein is stable for at least 2 years from date of receipt at -20 degree C

IMAGES



ELISA

Biotinylated Human SOST/Sclerostin Protein ELISA Data: Immobilized Anti-SOST Antibody at 0.5 µg/ml (100 µl/well) on the plate. Dose response curve for Biotinylated Human SOST, His Tag with the EC50 of 3.9 ng/ml determined by ELISA.



Application Data

Biotinylated Human SOST/Sclerostin Protein SEC-HPLC: The purity of Biotinylated Human SOST is greater than 95% as determined by SEC-HPLC.



Tris-Bis-PAGE

Biotinylated Human SOST/Sclerostin Protein Tris-Bis PAGE Biotinylated Human SOST on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for SOST recombinant protein	Biotinylated proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13376846
NCBI GeneID	50964
NCBI Accession #	NP_079513.1
NCBI GenBank Nucleotide #	NM_025237.2
UniProt Accession #	Q9BQB4; O75581
Molecular Weight	24,031 Da
NCBI Official Full Name	sclerostin
NCBI Official Synonym Full Names	sclerostin
NCBI Official Symbol	SOST
NCBI Official Synonym Symbols	CDD; VBCH
NCBI Protein Information	sclerostin
UniProt Protein Name	Sclerostin
UniProt Gene Name	SOST
UniProt Entry Name	SOST_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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 Online datasheet: <https://www.aaabiotech.com/sost-recombinant-protein-hek293-cells/76136>