

Datasheet for ABIN7275635

## Sclerostin Protein (SOST) (AA 69-258) (His tag)



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### 2 Images

#### Overview

Quantity:	100 µg
Target:	Sclerostin (SOST)
Protein Characteristics:	AA 69-258
Origin:	Cynomolgus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Sclerostin protein is labelled with His tag.

#### Product Details

Purpose:	Cynomolgus SOST/Sclerostin Protein
Sequence:	Gln69-Tyr258
Characteristics:	Recombinant Cynomolgus SOST/Sclerostin Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Gln69-Tyr258.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	Immobilized Cynomolgus SOST, His Tag at 0.2µg/ml (100µl/Well) on the plate. Dose response curve for Anti-SOST Antibody, hFc Tag with the EC50 of 6.1ng/ml determined by ELISA. See testing image for detail.

## Target Details

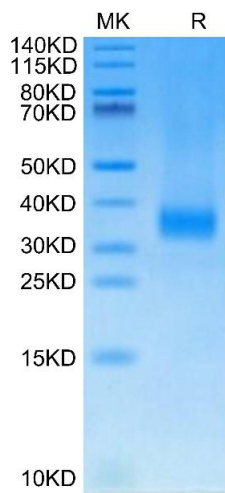
Target:	Sclerostin (SOST)
Alternative Name:	SOST ( <a href="#">SOST Products</a> )
Background:	SOST, also known as sclerostin, is a member of the cerberus/DAN family, a group of secreted glycoproteins characterized by a cysteine-knot motif. SOST is negative regulator of bone growth that acts through inhibition of Wnt signaling and bone formation.
Molecular Weight:	22.58 kDa. Due to glycosylation, the protein migrates to 30-40 kDa based on Tris-Bis PAGE result.
NCBI Accession:	<a href="#">XP_005584428</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

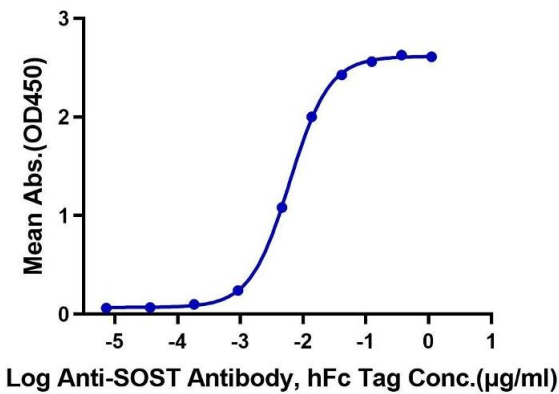
Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS ( pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months



SDS-PAGE

**Image 1.** Cynomolgus SOST on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

**Cynomolgus SOST, His Tag ELISA**  
0.02µg Cynomolgus SOST, His Tag Per Well



ELISA

**Image 2.** Immobilized Cynomolgus SOST, His Tag at 0.2 µg/mL (100 µL/Well) on the plate. Dose response curve for Anti-SOST Antibody, hFc Tag with the EC50 of 6.1 ng/mL determined by ELISA.