

[Go to Product page](#)

Datasheet for ABIN7318996

**Sclerostin Protein (SOST) (His tag)**

## Overview

Quantity:	50 µg
Target:	Sclerostin (SOST)
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Sclerostin protein is labelled with His tag.

## Product Details

Purpose:	Recombinant Human Sclerostin/SOST Protein (His Tag)
Sequence:	Gln24-Tyr213
Characteristics:	Recombinant Human Sclerostin is produced by our Mammalian expression system and the target gene encoding Gln24-Tyr213 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

## Target Details

Target:	Sclerostin (SOST)
Alternative Name:	Sclerostin/SOST ( <a href="#">SOST Products</a> )
Background:	Background: Sclerostin, also known as SOST, is a member of the Cerberus/DAN family of BMP antagonists. SOST is a secreted glycoprotein with a C-terminal cysteine knot-like (CTCK) domain. It shows sequence similarity to the DAN (differential screening-selected gene

## Target Details

aberrative in neuroblastoma) family of bone morphogenetic protein (BMP) antagonists. SOST is produced by the osteocyte and has anti-anabolic effects on bone formation. It is a negative regulator of bone growth that acts through inhibition of Wnt signaling and bone formation.  
Synonym: CDD,DAND6,SOST1,VBCH

Molecular Weight: 22.3 kDa

UniProt: [Q9BQB4](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM Tris, 250 mM NaCl, pH 8.0.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.