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Datasheet for ABIN7520475

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

## Overview

Quantity:	10 µg
Target:	Sclerostin (SOST)
Origin:	Rat
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Sclerostin protein is labelled with His tag.

## Product Details

Purpose:	Recombinant Rat Sclerostin/SOST Protein
Sequence:	FKNDATEIIP GLREYPEPPQ ELENNQTMNR AENGGRPPHH PYDTKDVSEY SCRELHYTRF VTDGPCRSAK PVTELVCSGQ CGPARLLPNA IGRVKWWRPN GPDFRCIPDR YRAQRVQLLC PGGAAPRSRK VRLVASCKCK RLTRFHNQSE LKDFGPETAR PQKGRKPRPR ARGAKANQAE LENAY
Specificity:	Phe29-Tyr213
Purity:	> 95 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	<0.1EU/µg

## Target Details

Target:	Sclerostin (SOST)
Alternative Name:	Sclerostin/SOST ( <a href="#">SOST Products</a> )

## Target Details

Background:	<p>Description: Sclerostin is a secreted glycoprotein with a C-terminal cysteine knot-like (CTCK) domain and sequence similarity to the DAN (differential screening-selected gene aberrative in neuroblastoma) family of bone morphogenetic protein (BMP) antagonists. Loss-of-function mutations in this gene are associated with an autosomal-recessive disorder, sclerosteosis, which causes progressive bone overgrowth. A deletion downstream of this gene, which causes reduced sclerostin expression, is associated with a milder form of the disorder called van Buchem disease.</p> <p>Name: sclerostin,SOST,VBCH,SOST</p>
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Gene ID:	80722
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UniProt:	<a href="#">Q99P67</a>
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## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
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Reconstitution:	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.
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Buffer:	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
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Storage:	-20 °C,-80 °C
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Storage Comment:	Store the lyophilized protein at -20°C to -80°C for 12 months. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.
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