Datasheet for ABIN7197841

Sclerostin Protein (SOST) (His tag)

1 Image

Go to Product page

Overview

Quantity:	20 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 (His Tag)
Sequence:	Met 1-Tyr 213
Characteristics:	A DNA sequence encoding the rat SOST (NP_085073.1) (Met 1-Tyr 213) was expressed, fused with a polyhistidine tag at the C-terminus.
Purity:	> 97 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method

Target Details

Target:	Sclerostin (SOST)
Alternative Name:	Sclerostin/SOST (SOST Products)
Background:	Background: Sclerostin, the protein product of the SOST gene, is a potent inhibitor of bone formation. Sclerostin protein is widely expressed at low levels with highest levels in bone, cartilage, kidney, liver, bone marrow and primary osteeoblasts differentiated for 21 days, and

Target Details

	was originally identified as an important regulator of bone remodeling, homeostasis, and links bone resorption and bone apposition. Recent studies have revealed that Sclerostin protein inhibits the bone growth probably by binding to the extracellular domain of the Wnt coreceptors LRP5 and LRP6 and disrupting Wnt-induced Frizzled-LRP complex formation. Synonym: SOST
Molecular Weight:	23 kDa
NCBI Accession:	NP_085073

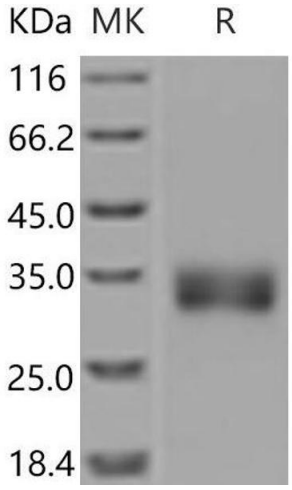
Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from sterile PBS, pH 7.4
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.

Images



Western Blotting

Image 1.