Datasheet for ABIN7275638

Sclerostin Protein (SOST) (AA 24-211) (His tag)

1 Image

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Overview

Quantity:	100 µg
Target:	Sclerostin (SOST)
Protein Characteristics:	AA 24-211
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Sclerostin protein is labelled with His tag.

Product Details

Purpose:	Mouse SOST/Sclerostin Protein
Sequence:	Gln24-Tyr211
Characteristics:	Recombinant Mouse SOST/Sclerostin Protein is expressed from HEK293 with His tag at the N-Terminus.It contains Gln24-Tyr211.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	Sclerostin (SOST)
Alternative Name:	SOST (SOST Products)

Target Details

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 kDa. Due to glycosylation,the protein migrates to 30-40 kDa based on Tris-Bis PAGE result.
UniProt:	Q99P68

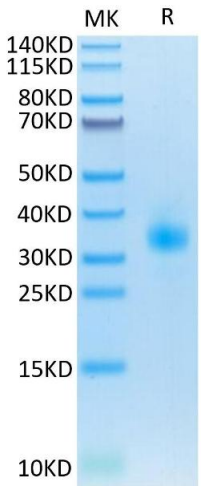
Application Details

Restrictions:	For Research Use only

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

Images



SDS-PAGE

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