9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

SOST Mouse

Sclerostin Mouse Recombinant
RCP2197

Product Overview

Name	SOST Mouse
Description	
Sclerostin Mouse Recombinant	
Accession (Primary)	Q99P68
Synonyms	
SOST, Sclerostin, 5430411E23Rik.	
Introduction	
Sclerostin (SOST) 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 antagonists. Sclerostin functions as a negative regulator of bone growth, by inhibiting bone formation. SOST is expressed mainly in the bone, cartilage, kidney, liver, bone marrow and primary osteoblasts differentiated for 21 days. SOST gene defects cause sclerosteosis and bone dysplasia.	
Source	
HEK293 cells.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
SOST protein (0.25mg/ml) contains 10% glycerol and Phosphate-Buffered Saline (pH 7.4).	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
QGWQAFRNDA TEVIPGLGEY PEPPPENNQT MNRAENGGRP PHHPYDAKDV SEYSCRELHY TRFLTDGPCR SAKPVTELVC SGQCGPARLL PNAIGRVKWW RPNGPDFRCI PDRYRAQRVQ LLCPGGAAPR SRKVRLVASC KCKRLTRFHN QSELKDFGPE TARPQKGRKP RPGARGAKAN QAELENAY HH HHHH	
Precautions	

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SOST Mouse is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q99P68)