

Product datasheet for **TP727962**

Sclerostin (SOST) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Sclerostin/SOST (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Gln24-Tyr213
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM Tris-HCl, 250mM NaCl, pH 8.0.
Note:	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.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	50964
UniProt ID:	Q9BQB4
Synonyms:	Sclerostin;SOST; UNQ2976; PRO7455; PRO7476
Summary:	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 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.
Protein Families:	Druggable Genome, Secreted Protein



[View online »](#)