

Sclerostin Domain Containing 1 Human Recombinant

Item Number	rAP-4721
Synonyms	Sclerostin domain-containing protein 1, Ectodermal BMP inhibitor, Ectodin, Uterine sensitization-associated gene 1 protein, USAG-1, SOSTDC1, USAG1, CDA019.
Description	SOSTDC1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 206 amino acids (24-206 a.a) and having a molecular mass of 23kDa.SOSTDC1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q6X4U4
Amino Acid Sequence	MGSSHHHHHH SSSLVPRGSH MGSFKNDAT ILYSHVVKPV PAHPSSNSTL NQARNGGRHF SNTGLDRNTR VQVGCRELRS TKYISDGQCT SISPLKELVC AGECLPLPVL PNWIGGGYGT KYWS- RRSSQE WRCVNDKTRT QRIQLQCQDG STRTYKITVV TACKCKRYTR QHNESSHNFE SMSPAKPVQH HRERKRASKS SKHSMS.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	SOSTDC1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M UREA and 10% glycerol. Greater than 85.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**