

Sclerostin Human Recombinant

Item Number	rAP-4720
Synonyms	Sclerostin, SOST, CDD, VBCH.
Description	SOST Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain (a.a 24-213) containing 200 amino acids including a 10 a.a N-terminal His tag. The total molecular mass is 22.8kDa (calculated).
Uniprot Accesion Number	Q9BQB4
Amino Acid Sequence	MKHHHHHHASQGWAQAFKND A TEIIPELGEY PEPPELENN KTMNRAENGG RPPHHPFETK DVSEY- SCREL HFTRYVTDGP CRSAKPVTEL VCSGQCQPAR LLPNAIGRGK WWRPSGPDFR CIPDRYRAQR VQLLCPGGEA PRARKVRLVA SCKCKRLTRF HNQSELKDFG TEAARPQKGR KPRPRARSAK ANQAELENAY.
Source	Escherichia Coli.
Physical Appearance and Stability	Filtered White lyophilized (freeze-dried) powder. Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.
Formulation and Purity	SOST filtered (0.4 µm) and lyophilized from 0.5mg/ml in 0.03M Acetate buffer pH-4.0. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	It is recommended to add 0.1M Acetate buffer pH-4 to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. For conversion into higher pH value, we recommend intensive dilution by relevant buffer to
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**