

Human SOST Recombinant Protein



RPPB4781

Product Information Protein Information

Product SKU:

RPPB4781

Accession:

Q9BQB4

Host:

Escherichia Coli.

Protein 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).

Appearance:

Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Sclerostin, SOST, CDD, VBCH.

Formulation:

SOST filtered (0.4 µm) and lyophilized from 0.5mg/ml in 0.03M Acetate buffer pH-4.0.

Purity:

Greater than 90.0% as determined by SDS-PAGE.

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 a concentration of 10µg/ml. In higher concentrations the solubility of this antigen is limited. SOST is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

Stability:

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.

Amino Acid Sequence:

MKHHHHHHASQGWQAFKND A TEIPELGEY PEPPPELENN KTMNRAENGG RPPHHPFETK DVSEYSCREL
HFTRYVTDGP CRSAPVTEL VCSGQCGPAR LLPNAIGR GK WWRPSGPDFR CIPDRYRAQR VQLLCPGGEA
PRARKVRLVA SCKCKRLTRF HNQSELKDFG TEAARPKQGR KPRPRARSAK ANQAELENAY.