

Human Sclerostin/SOST (His Tag) recombinant protein



Catalog Number: 501953

General Information

Protein Construction

A DNA sequence encoding the mature form of human SOST (NP_079513.1) (Gln 24-Tyr 213) was fused with a polyhistidine tag at the N-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 90 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μ g of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

N-His

Molecular Mass

The recombinant human SOST is a monomeric protein consisting of 197 amino acids and predicts a molecular mass of 22.5 kDa. As a result of glycosylation, the apparent molecular mass of

rhSOST is approximately 28 kDa in SDS-PAGE under reducing conditions..

Formulation

Lyophilized from sterile PBS, pH 7.2

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

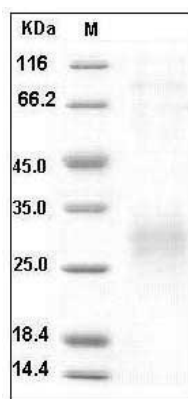
Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



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