Human S100B (His Tag) recombinant protein

Catalog Number: 500182

General Information

Gene Name Synonym

S-100 protein beta chain; S-100 protein subunit beta; S100 calcium-binding protein B

Protein Construction

A DNA sequence encoding the human S100B (NP_006263.1) (Ser 2-Glu 92) was fused with a polyhistidine tag at the N-terminus.

Organism

Human

Expression Host

E. coli

QC Testing

Activity

1. Measured by its ability to bind human AGER in a functional ELISA.
2. Measured by its ability to bind TP53 in a functional ELISA.

Purity

> 90 % as determined by SDS-PAGE

Endotoxin

Please contact us for more information.

Stability

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

Predicted N terminal

Met

Molecular Mass

The recombinant human S100B consisting of 102 amino acids and migrates as an approximately 12 kDa band in SDS-PAGE under reducing conditions as predicted.

Formulation

Lyophilized from sterile PBS, 10% glycerol, pH 7.5
1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

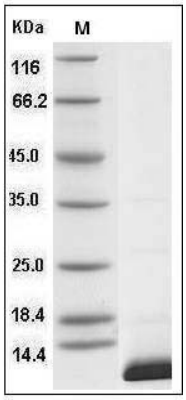
Storage

Store it under sterile conditions at -20℃ to -80℃. 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



Human S100B Protein (His Tag) SDS-PAGE