

Human S100A3 (His & MBP Tag) recombinant protein



Catalog Number: 502892

General Information

Gene Name Synonym

Protein S-100E; S100 calcium-binding protein A3

Protein Construction

A DNA sequence encoding the human S100A3 (P33764) (Met 1-Gln 101) was fused with an N-terminal polyhistidine-tagged MBP tag at the N-terminus.

Organism

Human

Expression Host

E. coli

QC Testing

Purity

> 95 % 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°C

Predicted N terminal

Met

Molecular Mass

The recombinant human S100A3/MBP fusion

protein consists of 498 amino acids and has a calculated molecular mass of 55.3 kDa. It migrates as an approximately 50 kDa band in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile PBS, 20% glycerol, pH 7.4
1. 5 % trehalose and mannitol are added as protectants before lyophilization.

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

Usage Guide

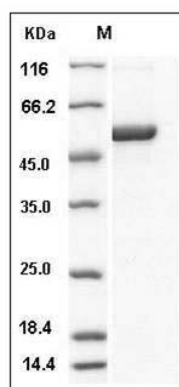
Storage

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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SDS-PAGE