

General Information

Gene Name Synonym

S100 calcium-binding protein A14

Protein Construction

A DNA sequence encoding the native human S100A14 (NP_065723.1) (Gly 2-His 104) was expressed, with a polyhistidine tag at the N-terminus.

Organism

Human

Expression Host

E. coli

QC Testing

Purity

> 85 % 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 S100A14 consisting of

114 amino acids and migrates as an 13 kDa band in SDS-PAGE under reducing conditions as predicted.

Formulation

Lyophilized from sterile 50mM Tris, 20% 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

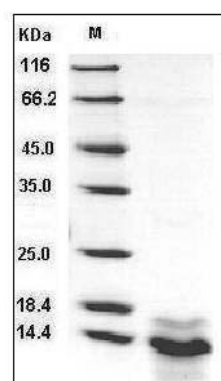
Storage

Store it under sterile conditions at -20°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



Human S100A14 / S114 Protein (His Tag) SDS-PAGE