

General Information

Gene Name Synonym

Calpactin I light chain; Calpactin-1 light chain; Cellular ligand of annexin II; S100 calcium-binding protein A10; p10 protein; p11

Protein Construction

A DNA sequence encoding the human S100A10 (NP_002957.1) (Pro 2-Lys 97) was expressed, with a polyhistidine 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 S100A10 consisting of 107 amino acids and migrates as an approximately 12.6 kDa band in SDS-PAGE under reducing conditions as predicted.

Formulation

Lyophilized from sterile 20mM Tris, pH 8.5, 10% glycerol

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

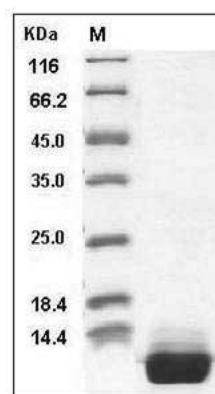
Storage

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 S100A10 Protein (His Tag) SDS-PAGE