

General Information

Gene Name Synonym

Calgranulin-B; Calprotectin L1H subunit; Leukocyte L1 complex heavy chain; Migration inhibitory factor-related protein 14; S100 calcium-binding protein A9

Protein Construction

A DNA sequence encoding the native form of human S100A9 (NP_002956.1) (Met 1-Pro 114) was expressed.

Organism

Human

Expression Host

E. coli

QC Testing

Activity

This product displays no activity in cell-based assay.

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 S100A9 consisting of 114 amino acids and migrates with an apparent molecular mass of 26 & 13 kDa corresponding to dimeric and monomeric form as estimated in SDS-PAGE under Non-reduced condition.

Formulation

Lyophilized from sterile PBS, 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

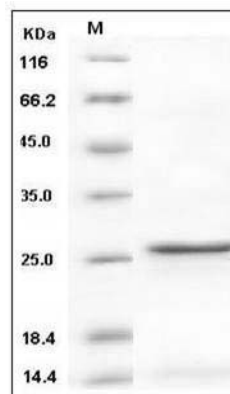
Storage

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



Human S100A9 / CAGB / P14 Protein SDS-PAGE