

## 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

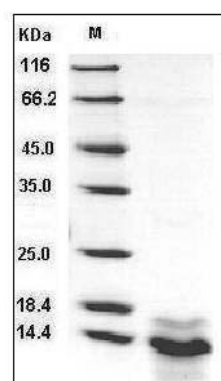
### Storage

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