

# Human S100A4 (His Tag) recombinant protein



Catalog Number: 502665

## General Information

### Gene Name Synonym:

Calvasculin; Metastasin; Placental calcium-binding protein; Protein Mts1; S100 calcium-binding protein A4

### Protein Construction:

A DNA sequence encoding the human S100A4 (NP\_002952.1) (Met1-Lys101) was expressed with a polyhistidine tag at the C-terminus.

**Source:**Human

**Expression Host:**E. coli

## QC Testing

### Activity:

### 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 S100A4 consists of 107

amino acids and predicts a molecular mass of 12.6 KDa. It migrates as an approximately 13 KDa band in SDS-PAGE under reducing conditions.

### 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

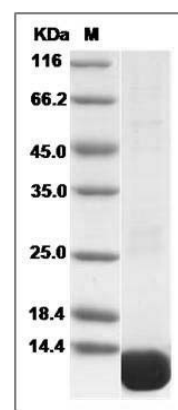
### Storage:

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 S100A4 Protein (His Tag) SDS-PAGE