

# Mouse S100A4 (His Tag) recombinant protein



Catalog Number: 502259

## General Information

### Gene Name Synonym

Metastasin; Metastatic cell protein; PEL98;  
Placental calcium-binding protein; Protein 18A2;  
Protein Mts1; S100 calcium-binding protein A4

### Protein Construction

A DNA sequence encoding the mouse S100A4 (NP\_035441.1) (Met1-Lys101) was expressed with a polyhistidine tag at the N-terminus.

### Organism

Mouse

### Expression Host

E. coli

## QC Testing

### Purity

> 90 % 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

His

### Molecular Mass

The recombinant mouse S100A4 consists of 117 amino acids and predicts a molecular mass of 13.8 KDa. It migrates as an approximately 14 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

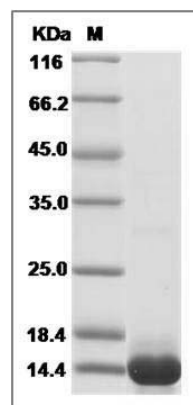
### Storage

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



Mouse S100A4 Protein (His Tag) SDS-PAGE