

# Mouse S100A4 recombinant protein



Catalog Number: 503117

## 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 (P07091)(Ala2-Lys101) was expressed and purified with two additional amino acids (Gly & Pro) at the N-terminus.

**Source:** Mouse

**Expression Host:** Human Cells

## QC Testing

### Activity:

### Purity:

> 85 % as determined by SDS-PAGE

### Endotoxin:

< 1.0 EU per  $\mu\text{g}$  of the protein as determined by the LAL method

### Stability:

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal:

Gly

### Molecular Mass:

The recombinant mouse S100A4 consists of 102 amino acids and predicts a molecular mass of 11.7 KDa. It migrates as an approximately 12 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

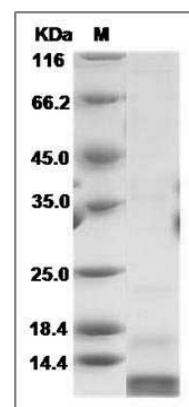
### Storage:

Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ . 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 SDS-PAGE