

# Human S100A3 (His & MBP Tag) recombinant protein



Catalog Number: 502892

## General Information

### Gene Name Synonym

Protein S-100E; S100 calcium-binding protein A3

### Protein Construction

A DNA sequence encoding the human S100A3 (P33764) (Met 1-Gln 101) was fused with an N-terminal polyhistidine-tagged MBP tag at the N-terminus.

### Organism

Human

### Expression Host

E. coli

## QC Testing

### 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 S100A3/MBP fusion

protein consists of 498 amino acids and has a calculated molecular mass of 55.3 kDa. It migrates as an approximately 50 kDa band in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile PBS, 20% glycerol, 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

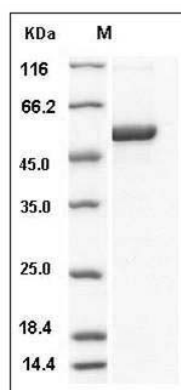
### Storage

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 S100A3 / S100E Protein (His & MBP Tag)  
SDS-PAGE