

Human S100A4 (Fc Tag) recombinant protein



Catalog Number: 503332

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) (Met 1-Lys 101) was expressed with the fused Fc region of human IgG1 at the N-terminus.

Source: Human

Expression Host: Human Cells

QC Testing

Activity:

Purity:

> 95 % as determined by SDS-PAGE

Endotoxin:

< 1.0 EU per μg of the protein as determined by the LAL method

Stability:

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal:

Glu 20

Molecular Mass:

The recombinant human Fc/S100A4 is a disulfide-

linked homodimeric protein. The reduced monomer consists of 338 amino acids and has a predicted molecular mass of 38.4 kDa. As a result of glycosylation, the apparent molecular mass of rhFc/S100A4 monomer is approximately 40 kDa 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

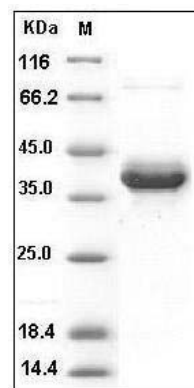
Storage:

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 (Fc Tag) SDS-PAGE