

Recombinant Mouse S100a4 Protein, hFc-tagged

Cat. No. S100a4-566M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse S100a4 Protein(P07091) (Ala2-Lys101) was expressed with the Fc region of human IgG1 at the N-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Ala2-Lys101
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant mouse S100A4/Fc is a disulfide-linked homodimer. The reduced monomer comprises 360 amino acids and has a predicted molecular mass of 40 kDa. The apparent molecular mass of the protein is approximately 38-42 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C 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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name S100a4 S100 calcium binding protein A4 [Mus musculus]

Official Symbol S100a4

Synonyms S100A4; S100 calcium binding protein A4; protein S100-A4; calvasculin; protein 18A2; protein Mts1; metastatic cell protein; S100 calcium-binding protein A4; placental calcium-binding protein; 42a; 18A2; Cap1; FSp1; Mts1; pk9a; PeL98; metastasin;

Gene ID 20198

mRNA Refseq NM_011311

Protein Refseq NP_035441

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