Recombinant Mouse S100a4 protein, His-tagged

Cat. No. S100a4-533M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse S100a4 protein(NP_035441.1)(Met1-Lys101), fused with His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Lys101
Form	Lyophilized from sterile PBS, pH 7.4.Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
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.
Purity	> 90 % 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.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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	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; Capl; FSp1; Mts1; pk9a; PeL98; metastasin;
Gene ID	20198
mRNA Refseq	NM_011311
Protein Refseq	NP_035441

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