

Recombinant Mouse S100a3 protein, His-tagged

Cat. No. S100a3-531M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse S100a3 protein(NP_035440.1)(Met1-Gln101), fused with His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Gln101
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.
Molecular Mass	The recombinant mouse S100A3 consists of 119 amino acids and predicts a molecular mass of 14 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 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

Gene Name	S100a3 S100 calcium binding protein A3 [Mus musculus]
Official Symbol	S100a3
Synonyms	S100A3; S100 calcium binding protein A3; protein S100-A3; S100 calcium-binding protein A3; S100E;
Gene ID	20197
mRNA Refseq	NM_011310
Protein Refseq	NP_035440

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