Recombinant Mouse S100a5 protein(Met1-Lys93), His-tagged

Cat. No. S100a5-7014M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse S100A5 (P63084) (Met 1-Lys 93) was expressed in E. coli, with a polyhistide tag at the N-terminus.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Lys93
Form	Lyophilized from sterile 50mM Tris, 20% glycerol, pH 7.8. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant mouse S100A5 consisting of 104 amino acids and has a calculated molecular mass of 12.3 kDa. rmS100A5 migrates as an approximately 13 kDa band in SDS-PAGE under reducing conditions.
Purity	> 97 % 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.

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

GENE INFORMATION

Gene Name	S100a5 S100 calcium binding protein A5 [Mus musculus]
Official Symbol	S100a5
Synonyms	S100A5; S100 calcium binding protein A5; protein S100-A5; S100 calcium-binding protein A5; S100D9;
Gene ID	20199
mRNA Refseq	NM_011312
Protein Refseq	NP_035442

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