

Recombinant Mouse S100A8 protein(Pro2-Glu89), His-tagged

Cat. No. S100a8-405M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse S100a8 (P27005) (Pro2-Glu89) was expressed in E. coli, with a polyhistidine tag at the N-terminus.
Species	Mouse
Source	E.coli
ProteinLength	2-89 a.a.
Form	Lyophilized from sterile 50mM Tris, 100mM NaCl, 20% Glycerol, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant mouse S100a8 consists of 104 amino acids and predicts a molecular mass of 12.3 KDa. It migrates as an approximately 12 KDa band in SDS-PAGE under reducing conditions.
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.
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	S100a8 S100 calcium binding protein A8 (calgranulin A) [Mus musculus]
Official Symbol	S100A8
Synonyms	S100A8; S100 calcium binding protein A8 (calgranulin A); protein S100-A8; MRP-8; calgranulin-A; chemotactic S100 protein; chemotactic cytokine CP-10; pro-inflammatory S100 cytokine; S100 calcium-binding protein A8; leukocyte L1 complex light chain; migration inhibitory factor-related protein 8; p8; B8Ag; CFAG; Caga; MRP8; CP-10; 60B8Ag; AI323541;
Gene ID	20201
mRNA Refseq	NM_013650
Protein Refseq	NP_038678

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