

Recombinant Mouse S100a8 protein (Met1-Glu89), His-tagged

Cat. No. S100a8-129M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse S100A8 (NP_038678.1) (Met1-Glu89) protein, fused with a polyhistidine tag at the C-terminus, was expressed in HEK293 Cells.
Species	Mouse
Source	Insect Cells
ProteinLength	1-89 a.a.
CommonName	S100a8
Predicted N Terminal	Met 1
Form	Lyophilized from sterile 20 mM Tris, 300 mM NaCl, pH 8.0, 10 % glycerol, 5 % trehalose, 5% mannitol and 0.01% Tween80.
Molecular Mass	The recombinant mouse S100A8 consists of 100 amino acids and predicts a molecular mass of 11.7 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
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

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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 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.

Shipping

In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

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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