

Recombinant Mouse Calprotectin (S100A8/S100A9) Protein, His-tagged

Cat. No. Calprotectin-01M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Calprotectin (S100A8/S100A9) Protein(NP_038678.1)(Met1~Glu89 and Met1~Lys113), fused to N-terminal His Tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1~Glu89 and Met1~Lys113
Form	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Molecular Mass	11/15kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

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Concentration	200g/mL
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Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
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GENE INFORMATION

Gene Name	S100a8 S100 calcium binding protein A8 (calgranulin A) [Mus musculus (house mouse)]
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Official Symbol	S100A8; S100A9
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Synonyms	MRP-8/MRP-14; S100A8/A9
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Gene ID	20201
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mRNA Refseq	NM_013650.2
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Protein Refseq	NP_038678.1
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UniProt ID	P27005
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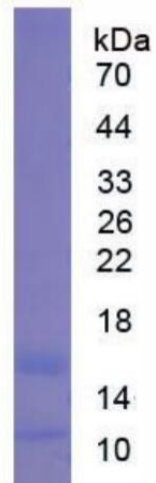
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SDS-PAGE



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