

Active Recombinant Human S100A9 protein, His-tagged

Cat. No. S100A9-2215H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human S100A9 protein(Met1-Pro114), fused with C-terminal His tag, was expressed in Insect cells.
Species	Human
Source	Insect cells
ProteinLength	1-114 aa
Form	Lyophilized from a 0.22 µm filtered solution of PBS,1mM DTT, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA.Immobilized Human S100A9 Protein at 2 µg/mL (100 µL/well) can bind AGER with a linear range of 0.124-41.19 ng/mL.
Molecular Mass	14.08 kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	≥ 90 % as determined by SDS-PAGE.
Storage	Store at -20°C.Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

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Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

GENE INFORMATION

Gene Name [S100A9 S100 calcium binding protein A9 \[Homo sapiens \]](#)

Official Symbol [S100A9](#)

Synonyms S100A9; S100 calcium binding protein A9; CAGB, CFAG, S100 calcium binding protein A9 (calgranulin B) , S100 calcium binding protein A9 (calgranulin B); protein S100-A9; 60B8AG; CGLB; LIAG; MAC387; MIF; MRP14; NIF; P14; MRP-14; calgranulin B; calgranulin-B; calprotectin L1H subunit; leukocyte L1 complex heavy chain; migration inhibitory factor-related protein 14; S100 calcium-binding protein A9 (calgranulin B); CAGB; CFAG; L1AG;

Gene ID [6280](#)

mRNA Refseq [NM_002965](#)

Protein Refseq [NP_002956](#)

MIM [123886](#)

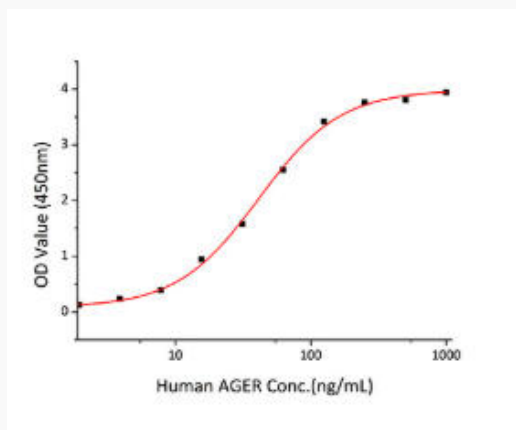
UniProt ID [P06702](#)

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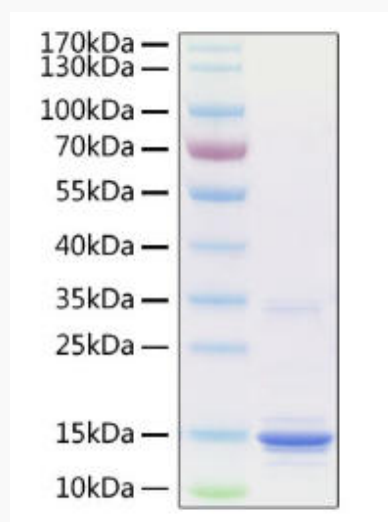
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Activity



SDS-PAGE



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