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# Recombinant Human S100-A9 Protein

**Catalog No.: RP01269** Recombinant

## Sequence Information

| Species | Gene ID | Swiss Prot |
|---|---|---|
| Human | 6280 | P06702 |

**Tags**
C-His

**Synonyms**
MIF; NIF; P14; CAGB; CFAG; CGLB; L1AG; LIAG; MRP14; 60B8AG; MAC387; S100-A9;S100A9;60B8AG;CAGB;CFAG;CGLB;L1AG;LIAG;MAC387;MRP14;NIF;P14

## Product Information

| Source | Purification |
|---|---|
| Baculovirus-Infected Sf9 Cells | > 90% by SDS-PAGE. |

**Endotoxin**
< 0.1 EU/μg of the protein by LAL method.

**Formulation**
Lyophilized from a 0.22 μm filtered solution of PBS,1mM DTT, pH 7.4.Contact us for customized product form or formulation.

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

## Contact


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## Background

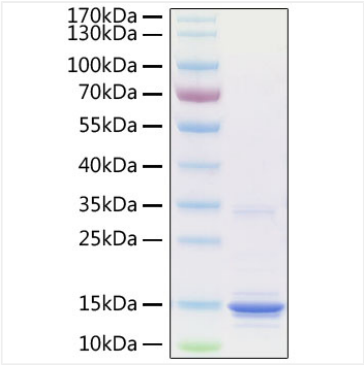
## Basic Information

**Description**
Recombinant Human S100-A9 Protein is produced by Baculovirus-Infected Sf9 Cells expression system. The target protein is expressed with sequence (Met1-Pro114) of human S100A9 (Accession #NP_002956.1) fused with a 6×His tag at the C-terminus.

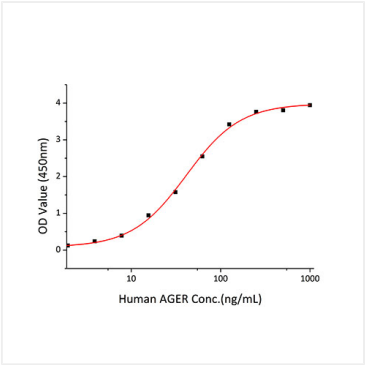
**Bio-Activity**
Measured by its binding ability in a functional ELISA.Immobilized Human S100A9 Protein at 2 μg/mL (100 μL/well) can bind AGER with a linear range of 0.124-41.19 ng/mL.

**Storage**
Store the lyophilized protein at -20°C to -80 °C for long term.After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.
Avoid repeated freeze/thaw cycles.

## Validation Data




Recombinant Human S100-A9 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 15 kDa.




Immobilized Recombinant Human S100-A9 Protein at 2 μg/mL (100 μL/well) can bind AGER with a linear range of 0.124-41.19 ng/mL.