

Recombinant Human S100-A9 Protein

Catalog No.: RP01269

Sequence Information

Species Gene ID

Human 6280

Swiss Prot Tags

P06702 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 % as
determined by
SDS-PAGE.

Calculated MW Observed MW

14.08 kDa 15 kDa

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 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.

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.

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.

Shipping

Lyophilized proteins are shipped at ambient temperature. Liquid proteins are shipped at frozen temperature with dry ice. Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

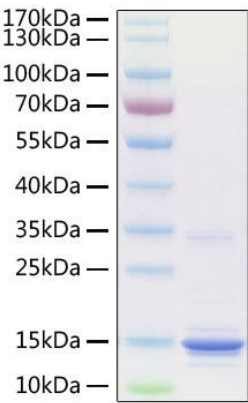
Contact

☎ | 400-999-6126

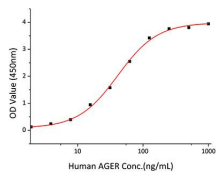
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Validation Data



Recombinant Human S100-A9 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



Immobilized Recombinant Human S100-A9 Protein at 2 $\mu\text{g/mL}$ (100 $\mu\text{L/well}$) can bind AGER with a linear range of 0.124–41.19 ng/mL.