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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;L1 AG;LIAG;MAC387;MRP14;NIF;P14

Product Information

Source Purification Baculovirus-Infected ≥ 90 % as

Sf9 Cells determined by SDS-

PAGE.

Calculated MW Observed MW

14.08 kDa 15 kDa

Endotoxin

< 0.1 EU/ μ g 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 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 $6\times$ His tag at the C-terminus.

Bio-Activity

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

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt

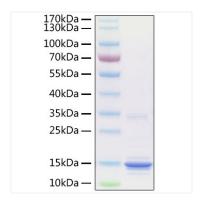
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

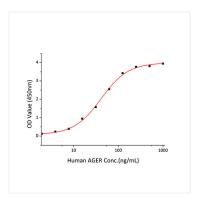
Operational Notes

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

Validation Data



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



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