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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 % 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 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

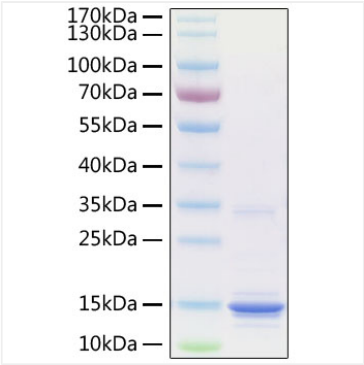
Description
Recombinant Human S100-A9 Protein is produced by Baculovirus-Infected Sf9 Cells expression system. The target protein is expressed with sequence (Met1-Pro114) of human S100A9 (Accession #NP_002956.1) fused with a 6×His tag at the C-terminus.

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.

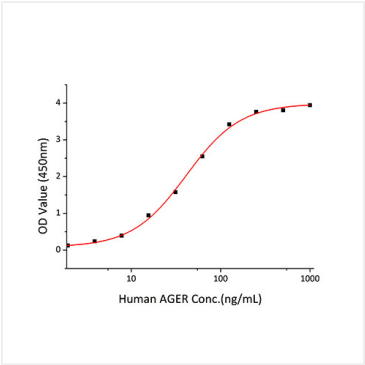
Storage
Store at -20℃.Store the lyophilized protein at -20℃ to -80 ℃ up to 1 year from the date of receipt.
After reconstitution, the protein solution is stable at -20℃ for 3 months, at 2-8℃ for up to 1 week.
Avoid repeated freeze/thaw cycles.

* 为了您的安全和健康，请穿实验服并戴一次性手套操作。

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 μg/mL (100 μL/well) can bind AGER with a linear range of 0.124-41.19 ng/mL.