

Recombinant Human S100-A8&S100-A9 Protein

Catalog No.: RP01253 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	6279&6280	P05109/P06702

Tags

C-His(S100A8)&No tag(S100A9)

Synonyms

CAGA;CAGB;CFAG;MRP14;MRP8&S100A9
;S100A8;Calprotectin;S100A8&S100A9

Product Information

Source	Purification
Baculovirus-Infected Sf9 Cells	>95% by SDS-PAGE.

Endotoxin

< 1.0 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 freeze-thaw cycles.

Background

Basic Information

Description

Recombinant Human S100-A8&S100-A9 Protein is produced by Baculovirus-Infected Sf9 Cells expression system. The target protein is expressed with sequence (Met1-Glu93&Met1-Pro114) of human S100A8&S100A9 Heterodimer (Accession #NP_002955.2/NP_002956.1) fused with a 6×His tag at the C-terminus(S100A8).

Bio-Activity

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.

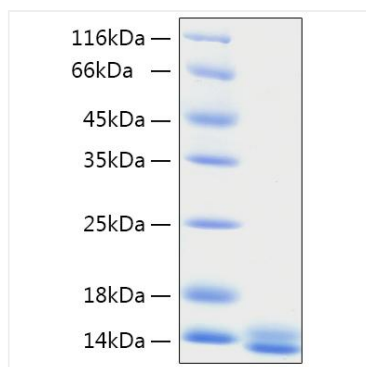
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Validation Data



Recombinant Human S100-A8&S100-A9 Protein was determined by SDS-PAGE with Coomassie Blue, showing bands at 13 kDa and 14 kDa.