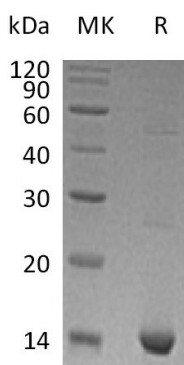


## Summary

<b>Name</b>	S100-A9/Protein S100-A9
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	<1 EU/μg as determined by LAL test.
<b>Construction</b>	Recombinant Human S100 Calcium Binding Protein A9 is produced by our E.coli expression system and the target gene encoding Thr2-Pro114 is expressed.
<b>Accession #</b>	P06702
<b>Host</b>	E.coli
<b>Species</b>	Human
<b>Predicted Molecular Mass</b>	13.2 KDa
<b>Formulation</b>	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
<b>Reconstitution</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## SDS-PAGE image



**Product Name: Recombinant Human S100A9**  
**Catalog #: PEH1461**



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## Background

<b>Alternative Names</b>	Protein S100-A9;Calgranulin-B;Calprotectin L1H subunit;Leukocyte L1 complex heavy chain;MRP-14;CAGB; CFAG
<b>Background</b>	Protein S100-A9 (also MRP14 and calgranulin B)is a calcium- and zinc-binding protein which plays a prominent role in the regulation of inflammatory processes and immune response.It can induce neutrophil chemotaxis, adhesion, can increase the bactericidal activity of neutrophils by promoting phagocytosis via activation of SYK, PI3K/AKT, and ERK1/2 and can induce degranulation of neutrophils by a MAPK-dependent mechanism.

## Note

For Research Use Only , Not for Diagnostic Use.