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Datasheet for ABIN4370652  
**S100A9 Protein (AA 2-114)**

### Overview

Quantity:	50 µg
Target:	S100A9
Protein Characteristics:	AA 2-114
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

### Product Details

Purpose:	Recombinant Human S100 Calcium Binding Protein A9/S100A9/MRP14
Sequence:	TCKMSQLERN IETIINTFHQ YSVKLGHPDT LNQGEFKELV RKDLQNFLKK ENKNEKVIEW IMEDLDTNAD KQLSFEEFIM LMARLTWASH EKMHEGDEGP GHHHKPGLGE GTP
Characteristics:	Recombinant Human S100 Calcium Binding Protein A9/S100A9/MRP14
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

### Target Details

Target:	S100A9
Alternative Name:	S100 Calcium Binding Protein A9 ( <a href="#">S100A9 Products</a> )
Molecular Weight:	13.2 kDa

## Target Details

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UniProt: [P06702](#)

Pathways: [Transition Metal Ion Homeostasis, Positive Regulation of Endopeptidase Activity, S100 Proteins](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Reconstitution: It is not recommended to reconstitute to a concentration less than 100 µg/mL.  
Dissolve the lyophilized protein in ddH<sub>2</sub>O.  
Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Handling Advice: Always centrifuge tubes before opening. Do not mix by vortex or pipetting.

Storage: 4 °C/-20 °C/-80 °C

Storage Comment: Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.  
Reconstituted protein solution can be stored at 4-7°C for 2-7 days.  
Aliquots of reconstituted samples are stable at < -20°C for 3 months.