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## Datasheet for ABIN7505349 **S100A7A Protein (AA 1-108)**

### Overview

Quantity:	100 µg
Target:	S100A7A
Protein Characteristics:	AA 1-108
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

### Product Details

Sequence:	Met1-Tyr108
Characteristics:	Recombinant Mouse S100 calcium binding protein A15A is produced by our E.coli expression system and the target gene encoding Met1-Tyr108 is expressed.
Purity:	>95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	<1.0 EU per µg of the protein as determined by the LAL method.

### Target Details

Target:	S100A7A
Alternative Name:	S100A15 ( <a href="#">S100A7A Products</a> )
Background:	<p>Background: Members of the S100 protein family are involved in calcium- or zinc-dependent cellular functions and regulate immune-mechanisms, cell proliferation and differentiation.</p> <p>Some S100 members have been established as tumor markers because they are dysregulated during carcinogenesis. Psoriasin (S100A7) and koebnerisin (S100A15) are highly homologous</p>

## Target Details

proteins that have been first described in psoriasis, which is characterized by disturbed epidermal maturation and chronic inflammation. Several studies showed that the coexpression of the hS100A7 and hS100A15 in psoriasis suggests that both proteins participate in keratinocyte maturation, proliferation and/or skin inflammation.

Synonym: S100 calcium-binding protein A15A, Protein S100-A15A, Protein S100-A7A, S100 calcium-binding protein A7A, S100a15a

Molecular Weight:	12.9 kDa
UniProt:	<a href="#">Q6S5I3</a>
Pathways:	<a href="#">Activation of Innate immune Response</a> , <a href="#">S100 Proteins</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months