

# Recombinant mouse S100A15 protein

Catalog Number: ATGP1611

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-108aa

### UniProt No.

Q6S5I3

### NCBI Accession No.

NP\_955454

### Alternative Names

S100 calcium binding protein A15, AY465109, Gm1020, S100a7a, S100a15a, S100a17l1, S100A7f, S100A7L1

## PRODUCT SPECIFICATION

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### Molecular Weight

15 kDa (132aa) confirmed by MALDI-TOF

### Concentration

0.25mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol

### Purity

> 85% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

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### Description

Mouse S100A15 is a protein of 104 amino acids with a predicted molecular weight of 12, 870 Da and two EF-hand calcium binding sites. It is expressed in both skin and keratinocytes. S100A15 expression is upregulated in cultured keratinocytes induced to differentiate by calcium or phorbol esters. Recombinant mouse S100A15 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

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### Amino acid Sequence

MGSSHHHHHH SGLVPRGSH MGSHPDTPV EDSLFQIIHC FHYYAAREGD KETLSLEELK ALLLDSVPRF MDTLGRRQPY  
YITELFRAAD KNKDNQICFD EFLYILGKLV KDYHLQFHRQ LCAHYCTEHS LY

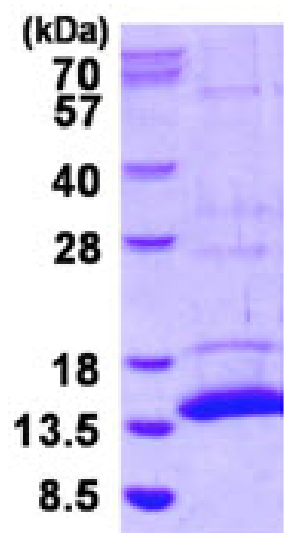
### General References

Wolf R., et al. (2006). J. Invest. Dermatol. 126 (7): 1600-8.

## DATA

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### SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)