

Recombinant mouse S100A15 protein

Catalog Number: ATGP1611

PRODUCT INFORMATION

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

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

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

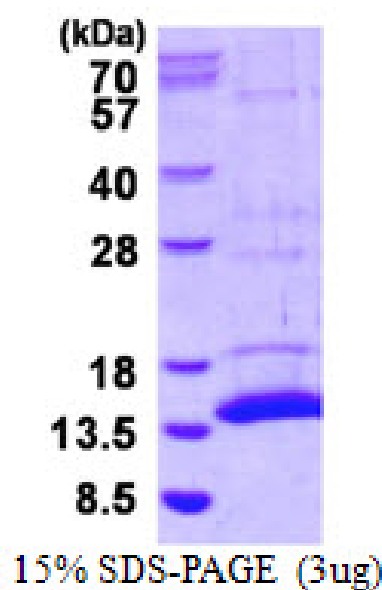
MGSSHHHHHH SSGLVPRGSH MGSHMPDTPV EDSLFQIIHC FHHYAAREGD KETLSLEELK ALLLDSVPRF MDTLGRRQPY
YITELFRAAD KNKDNQICFD EFLYILGKLV KDYHLQFHRQ LCAHYCTEHS LY

General References

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

DATA

SDS-PAGE



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