
Product Data Sheet

Product Name: S100A15 Mouse
 Cat. No.: GP24486
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Protein S100-A7A; S100 calcium-binding protein A15A; S100 calcium-binding protein A7A.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSHPDTPV EDSLFQIIHC FHHYAAREGD KETLSLEELK ALLLDSVPRF MDTLGRRQPY YITELFRAAD KNKDNQICFD EFLYILGKLV KDYHLQFHRQ LCAHYCTEHS LY.		
Formulation	The S100A15 solution (0.25mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 150mM NaCl and 20% glycerol.		

Introduction

Mouse S100A15 is a protein of 104 amino acids with an expected molecular weight of 12,870 Dalton having 2 EF-hand calcium binding sites. The S100A15 expression is upregulated in cultured keratinocytes stimulated to differentiate by calcium or phorbol esters. S100A15 is expressed in the skin and keratinocytes.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

S100A15 Mouse Recombinant produced in E. coli is a single polypeptide chain containing 132 amino acids (1-108) and having a molecular mass of 15.0 kDa. S100A15 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

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