

S100A15 Mouse

Description: 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.

Catalog #: PRPS-1152

For research use only.

Synonyms: Protein S100-A7A, S100 calcium-binding protein A15A, S100 calcium-binding protein A7A.

Source: E.coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MGSHMPDTPV EDSLFQIIHC
FHHYAAREGD KETLSLEELK ALLDSVPRF MDTLGRRQPY YITELFRAAD KNKDNQICFD
EFLYILGKLV KDYHLQFHRQ LCAHYCTEHS LY.

Purity: Greater than 85% as determined by SDS-PAGE.

Formulation:

The S100A15 solution (0.25mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 150mM NaCl and 20% glycerol.

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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

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.

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