9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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S100A9 Mouse

S100 Calcium Binding Protein A9 Mouse Recombinant
RCP1973

Product Overview

Name	S100A9 Mouse

Description

S100 Calcium Binding Protein A9 Mouse Recombinant

Accession (Primary)	P31725

Synonyms

Calgranulin B, 60B8AG, CAGB, CFAG, CGLB, L1AG, LIAG, MAC387, MIF, MRP14, NIF, P14, Protein S100-A9, S100 calcium-binding protein A9.

Introduction

S100A9 is part of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100A9 protein is localized in the cytoplasm and/or nucleus of a wide range of cells, and participates in the regulation of several cellular processes such as cell cycle progression and differentiation. S100 genes include no less than 13 proteins which are localized as a cluster on chromosome 1q21. S100A9 is involved in the inhibition of casein kinase and altered expression of this protein is associated with the disease cystic fibrosis.

Source

Escherichia Coli.

Physical Appearance

S100A9 is supplied as a sterile filtered yellowish solution.

Formulation

S100A9 protein (0.5mg/ml) is supplied in 20mM Tris-HCL, pH-8, 1mM DTT 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.

Purity

Greater than 90.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MANKAPSQME RSITTIIDTF HQYSRKEGHP DTLSKKEFRQ MVEAQLATFM KKEKRNEALI NDIMEDLDTN QDNQLSFEEC MMLMAKLIFA CHEKLHENNP RGHGHSHGKG CGK

Precautions

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S100A9 Mouse is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P31725)