9051 Mira Mesa Blvd, #910094
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S100A6 Mouse

S100 Calcium Binding Protein A6 Mouse Recombinant
RCP1964

Product Overview

Name	S100A6 Mouse
Description	
S100 Calcium Binding Protein A6 Mouse Recombinant	
Accession (Primary)	P14069
Synonyms	
Protein S100-A6, S100 calcium-binding protein A6, Calcyclin, Prolactin receptor-associated protein, 5B10, S100a6, Cacy, 2A9, PRA.	
Introduction	
S100A6 is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized either in the cytoplasm or the nucleus of a wide range of cells. S100 proteins are involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. There are at least 13 members in the S100 gene family, which are located as a cluster on chromosome 1q21. S100A6 may function in stimulation prolactin secretion, and exocytosis. Chromosomal rearrangements and altered expression of the S100A6 gene are implicated in melanoma.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
S100A6 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 30% glycerol and 100mM NaCl.	
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 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MACPLDQAIG LLVAIFHKYS GKEGDKHTLS KKELKELIQK ELTIGSKLQD	

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AEIARLMDDL DRNKDQEVNF QEYVAFLGAL ALIYNEALK.

Precautions

S100A6 Mouse is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P14069)