9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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S100A6 Murine

S100 Calcium Binding Protein A6 Mouse
RCP1965

Product Overview

Name	S100A6 Murine
Description	
S100 Calcium Binding Protein A6 Mouse	
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 of Ca2+-dependent insulin release, stimulation of prolactin secretion, and exocytosis. Chromosomal rearrangements and altered expression of the S100A6 gene are implicated in melanoma.	
Physical Appearance	
Sterile Filtered White lyophilized (freeze-dried) powder.	
Formulation	
The protein was lyophilized from a concentrated solution (1mg/ml) containing no additives.	
Stability	
Lyophilized Mouse S100A6 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Mouse S100A6 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Solubility	
It is recommended to reconstitute the lyophilized Mouse S100A6 in sterile 18MΩ-cm H2O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.	

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Precautions

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

Target Information: (P14069)