

S100A6 S100 Calcium Binding Protein A6 Mouse

Catalog Number: PROTP14069-1

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 Ca^{2+} -dependent insulin release, stimulation of prolactin secretion, and exocytosis. Chromosomal rearrangements and altered expression of the S100A6 gene are implicated in melanoma.

Overview

Product Name	S100A6 S100 Calcium Binding Protein A6 Mouse
Description	S100A6 also called Calcyclin has been purified by HPLC (see Kuznicki et al. (1989) Biochem. J. 263: 951-956).
Size	2ug, 5ug, 10ug
Tag	
Form	Sterile Filtered White lyophilized (freeze-dried) powder.
Source	Escherichia Coli.
Formulation	The protein was lyophilized from a concentrated solution (1mg/ml) containing no additives.

Concentration

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Purity

Greater than 90% as determined by SDS-PAGE.

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Usage

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