9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

S100A11 Human

S100 Calcium Binding Protein A11 Human Recombinant
RCP1950

Product Overview

Name	S100A11 Human
Description	
S100 Calcium Binding Protein A11 Human Recombinant	
Accession (Primary)	P31949
Synonyms	
Protein S100-A11, S100 calcium-binding protein A11, Calgizzarin, MLN 70, S100A11, MLN70, S100C.	
Introduction	
S100A11 is a member of the S100 family of proteins which contains two EF-hand calcium-binding motifs and is thought to be involved in the regulation of a number of cellular processes including cell cycle progression and differentiation. S100A11 may function in motility, invasion and tubulin polymerisation. S100 proteins are localized either in the cytoplasm or the nucleus of a wide range of cells. There are at least 13 members in the S100 gene family, which are located as a cluster on chromosome 1q21. Chromosomal rearrangements and altered expression of S100A11 have been implicated in tumor metastasis.	
Source	
Escherichia Coli.	
Formulation	
S100A11 is supplied in PBS and 50% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 1-2 weeks. Store, frozen at -20°C for longer periods of time. Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95% as determined by SDS-PAGE. 2 bands on Western blot at 17 and 34 kDa, respectively representing monomeric and dimeric form.	
Applications	
S100A11 can be used directly as a positive control in Western blotting, ELISA, immunoprecipitation and other immunological experiments. The biological activity of this product has not yet been tested.	
Precautions	
S100A11 Human is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (P31949)