9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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S100A13 Human

S100 Calcium Binding Protein A13 Human Recombinant
RCP1952

Product Overview

Name	S100A13 Human
Description	
S100 Calcium Binding Protein A13 Human Recombinant	
Accession (Primary)	Q99584
Synonyms	
Protein S100-A13, S100 calcium-binding protein A13, S100A13.	
Introduction	
S100A13 is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 family members are localized in the cytoplasm and/or nucleus of a wide range of cells, and are involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100A13 is extensively expressed in various types of tissues with an elevated expression level in the thyroid gland. In smooth muscle cells, S100A13 co-expresses with other family members in the nucleus and in stress fibers, suggesting diverse functions in signal transduction.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
S100A13 protein at 1mg/ml in 20mM Tris-HCL, pH-8, 50mM NaCl 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 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MAAEPLTELE ESIETVVTTF FTFARQEGRK DSLSVNEFKE LVTQQLPHLL KDVGSLDEKM KSLDVNQDSE LKFNEYWRLI GELAKEIRKK KDLKIRKK	
Precautions	

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S100A13 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q99584)