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

S100A16 Human

S100 Calcium Binding Protein A16 Human Recombinant
RCP1955

Product Overview

Name	S100A16 Human
Description	
S100 Calcium Binding Protein A16 Human Recombinant	
Accession (Primary)	Q96FQ6
Synonyms	
Protein S100-A16, Aging-associated gene 13 protein, Protein S100-F, S100 calcium-binding protein A16, S100A16, S100F, AAG13, DT1P1A7, MGC17528.	
Introduction	
S100A16 belongs to the S100 protein super family containing calcium-binding EF-hand motifs. S100 proteins are cell and tissue specific and are engaged in various intra and extracellular processes through interacting with specific target proteins. The S100A16 expression is astrocyte-specific. S100A16 accumulates within nucleoli and translocates to the cytoplasm in reaction to Ca(2+) stimulation. S100A16 physically interacts with tumor suppressor protein p53 (which is a known inhibitor of adipogenesis) as determined Immunoprecipitation analysis.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
S100A16 (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 40% glycerol and 0.2M 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 MSDCYTELEK AVIVLVENFY KYVSKYSLVK NKISKSSFRE MLQKELNHML SDTGNRKAAD KLIQNLDANH DGRISFDEYW TLIGGITGPI AKLIHEQEQQ SSS.	
Precautions	

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S100A16 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q96FQ6)