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

SNTN Human

Sentan Cilia Apical Structure Protein Human Recombinant
RCP2179

Product Overview

Name	SNTN Human
Description	
Sentan Cilia Apical Structure Protein Human Recombinant	
Accession (Primary)	A6NMZ2
Synonyms	
Sentan cilia apical structure protein, FLJ44379, S100AL, S100A1L, S100A-like protein, sentan, S100 calcium-binding protein A1-like.	
Introduction	
SNTN is a member of to the S-100 family. SNTN is localized solely to the bridging structure between the cell membrane and peripheral singlet microtubules that specifically exists in the narrowed distal portion of cilia. Exogenously expressed sentan displayed affinity for the membrane protrusions, and a protein-lipid binding assay discovered that sentan bounds to phosphatidylserine which indicate that sentan is the leading molecular component of the ciliary tip to link the cell membrane and peripheral singlet microtubules, making the distal portion of the cilia narrow and stiff to permit better airway approval or ovum transport.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The SNTN solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 50% glycerol and 0.15M 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 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGGCMHSTQD KSLHLEGDPN PSAAPTSTCA PRKMPKRISI SKQLASVKAL RKCSDLEKAI ATTALIFRNS SDSDGKLEKA IAKDLLQTQF RNFAEGQETK PKYREILSEL DEHTENKLDF	

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

EDFMILLLSI TVMSDLLQNI RNVKIMK

Precautions

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

Target Information: (A6NMZ2)