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

SCGN Rat

Secretagogin Rat Recombinant
RCP1999

Product Overview

Name	SCGN Rat
Description	
Secretagogin Rat Recombinant	
Accession (Primary)	Q6R556
Synonyms	
SCGN, EF-hand calcium binding protein, Setagin, SEGN, CALBL, Secretagogin.	
Introduction	
SCGN is a secreted calcium-binding protein which is found in the cytoplasm. It is related to calbindin D-28K and calretinin. Secretagogin is involved in KCL-stimulated calcium flux and cell proliferation. Secretagogin plays a role in human non-functional pituitary adenomas.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered White lyophilized (freeze-dried) powder.	
Formulation	
The sterile filtered concentrated protein solution was lyophilized with 20mM Tris & 50mM NaCl pH-7.5.	
Stability	
Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time.	
Purity	
Greater than 95% as determined by SDS-PAGE.	
Amino acid sequence	
MKHHHHHHAS MDNAHRQTQA HLDAACFWQI WQRFDKDEKG YIKETELDAF FDDLLAKFGI EDTLMEENVQ KMKEQLMVGH DISKEGRILM KELASMFLSE DENFLLFFRL ETPLDNSVEF MQIWRKYDAD SSGFISAAEL SNFLRDLFLH HKKVISEAEL EEYTSTMMKI FDRNKDGRLD LNDLARILAL QENFLLQFKM DASSTEERKR DFEKIFAHYD VSKTGALEGP EVDGFVKDMM ELVQPSISGV DLDKFREILL RHCDVNKDGK IQKSELALCLGLKINP.	
Solubility	
Add deionized water to a working concentration of 0.5mg/ml and let the lyophilized pellet dissolve completely.	

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Precautions

SCGN Rat is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q6R556)