

32-4779: Recombinant Rat Secretagogin

Alternative Name : SCGN,EF-hand calcium binding protein,Setagin,SEGN,CALBL,Secretagogin.

Description

Source : Escherichia Coli. Secretagogin Rat Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 286 amino acids and having a molecular mass of 33.3 kDa. The Rat SCGN is fused to a 10 a.a. His tag at N-Terminus. The protein's amino acids sequence is identical to UniProtKB/Swiss-Prot entry Q6R556. The Rat SCGN is purified by proprietary chromatographic techniques. 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.

Product Info

Amount :	10 µg
Purification :	Greater than 95% as determined by SDS-PAGE.
Content :	The sterile filtered concentrated protein solution was lyophilized with 20mM Tris & 50mM NaCl pH-7.5.
Storage condition :	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.
Amino Acid :	MKHHHHHHAS MDNAHRQTQA HLDAACFWQI WQRFDKDEKG YIKETELDAF FDDLAKFGI EDTLMEENVQ KMKEQLMVGH DISKEGRILM KELASMFLSE DENFLFFRL ETPLDNSVEF MQIWRKYDAD SSGFISAAEL SNFLRDLFLH HKKWISEAEL EEYTSTMMKI FDRNKDGRLD LNDLARILAL QENFLLQFKM DASSTEERKR DFEKIFAHYD VSKTGALEGP EVDGFKVDM ELVQPSISGV DLDKFREILL RHCDVNKDGK IQKSELALCLGLKINP.

Application Note

Add deionized water to a working concentration of 0.5mg/ml and let the lyophilized pellet dissolve completely.

