

## 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

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

### Application Note

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

