

Secretagogin Rat Recombinant

Item Number	rAP-4723
Synonyms	SCGN, EF-hand calcium binding protein, Setagin, SEGN, CALBL, Secretagogin.
Description	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
Uniprot Accession Number	Q6R556
Amino Acid Sequence	MKHHHHHHAS MDNAHRQTQA HLDAACFWQI WQRFDKDEKG YIKETELDAF FDDLAKFGI ED-TLMEENVQ KMKEQLMVGH DISKEGRILM KELASMFLSE DENFLFFRL ETPLDNSVEF MQIWRKYDAD SSGFISAAEL SNFLRDLFLH HKKVISEAEL EETSTMMKI FDRNKDGRLD LNDLARILAL QENFLQFKM DASSTEERKR DFEKIFAHYD VSKTGALEGP EVDGFVKDMM ELVQPSISGV DLDKFREILL RHCDVNKDGK IQKSELALCLGLKINP.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. 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.
Formulation and Purity	The sterile filtered concentrated protein solution was lyophilized with 20mM Tris & 50mM NaCl pH-7.5. Greater than 95% as determined by SDS-PAGE.
Application	
Solubility	Add deionized water to a working concentration of 0.5mg/ml and let the lyophilized pellet dissolve completely.
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**