

Secretagoin Human Recombinant

Item Number	rAP-4722
Synonyms	SCGN, EF-hand calcium binding protein, Setagin, SEGN, CALBL, SECRET, DJ501N12.8, Secretagoin.
Description	SCGN Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 296 amino acids (1-276 a.a.) and having a molecular mass of 34.2kDa. SCGN is fused to a 20 amino acid His tag at N-terminus and purified by standard chromatography techniques.
Uniprot Accession Number	O76038
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MDSSREPTLG RLDAAGFWQV WQRFDADEKG YIEEKELDAF FLHM-LMKLGT DDTVMKANLH KVKQQFMTTQ DASKDGRI RM KELAGMFLSE DENFLLLFRR ENPLDSSVEF MQIWRKYDAD SSGFISAAEL RNFLRDLFLH HKKAISEAKL EEYTGTMMKI FDRNKDGRDL LNDLARILAL QENFLLQFKM DACSTEERKR DFEKIFAYYD VSKTGALEGP EVDGFKDMM ELVQPSISGV DLDKFREILL RHCDVNKD GK IQKSELALCL GLKINP.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless liquid formulation. 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). Please avoid freeze thaw cycles.
Formulation and Purity	SCGN His-Tag (1mg/ml) protein is supplied in 20mM Tris HCl pH-8, 1mM DTT, 0.1M NaCl and 10% glycerol. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
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**