

SCGN Human

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.

Catalog #: PRPS-606

For research use only.

Synonyms: SCGN, EF-hand calcium binding protein, Setagin, SEGN, CALBL, SECRET, DJ501N12.8, Secretagogen.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered colorless liquid formulation.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MDSSREPTLG RLDAAGFWQV
WQRFDADEKG YIEEKELDAF FLHMLMKLGT DDTVMKANLH KVKQQFMTTQ DASKDGRIRM
KELAGMFLSE DENFLLLFRR ENPLDSSVEF MQIWRKYDAD SSGFISAAEL RNFLRDLFLH
HKKAISEAKL EEYTGTMKI FDRNKDGRLD LNDLARILAL QENFLLQFKM DACSTEERKR
DFEKIFAYYD VS

Purity: Greater than 90% as determined by SDS-PAGE.

Formulation:

SCGN His-Tag (1mg/ml) protein is supplied in 20mM Tris HCl pH-8, 1mM DTT, 0.1M NaCl and 10% glycerol.

Stability:

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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

SCGN is a secreted calcium-binding protein which is found in the cytoplasm. It is related to calbindin D-28K and calretinin. Secretagogen is involved in KCL-stimulated calcium flux and cell proliferation. Secretagogen plays a role in human non-functional pituitary adenomas.

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