

Recombinant Human Secretagoin/SCGN Protein

Catalog No.: RP02166 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	10590	O76038

Tags

C-His

Synonyms

CALBL; DJ501N12.8; SECRET; SEGN;
setagin;SCGN;DJ501N12.8;SECRET;SEGN
;setagin

Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

Calculated MW	Observed MW
33.08 kDa	32 kDa

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

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Background

Secretagoin (SCGN) is a secreted calcium-binding protein that is found in the cytoplasm; a small proportion is associated with secretory granules and membrane fractions. SCGN contains six EF-hand domains, related to calbindin D-28K and calretinin. SCGN is thought to be involved in KCL-stimulated calcium flux and cell proliferation. SCGN can be detected in human serum after ischemic neuronal damage. SCGN may function to negatively control growth and differentiation rates and, thus, indirectly inhibit cell replication.

Basic Information

Description

Recombinant Human Secretagoin/SCGN Protein is produced by Mammalian expression system. The target protein is expressed with sequence (Met1-Pro276) of human SCGN (Accession #O76038) fused with a 6xHis tag at the C-terminus.

Bio-Activity

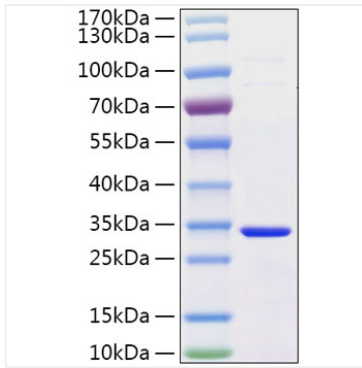
Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

Validation Data



Recombinant Human Secretagogin/SCGN Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 32kDa.