Secretagogin Human E. coli

Product Data Sheet

Type: Recombinant
Source: E. coli
Species: Human
Other names: SCGN, SECRET

Cat. No.:
RD172120100 (0.1 mg)

Description

Total 286 AA. MW: 33.3 kDa (calculated). N-terminal His-tag, 10exrea AA (highlighted). The AA sequence is identical to UniProtKB/Swiss-Prot entry O76038.

Research topic

Diabetology - Other Relevant Products, Neural tissue markers, Oncology

Amino Acid Sequence

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MKHHHHHHAS MDSSREPTLG RLDAAGFWQV WRRFDADEKG YIEEKELDAF FLHMLMKLGT DDTVMKANLH KVKQQFMTTQ
DASKDGRIRM KELAGMFLSE DENFLLLFRR ENPLDSSVEF MQIWRKYDAD SSGFISAAEL RNFLRDLFLH HKKAISEAKL
EEYTGTMMKI FDRNKDGRLD LNDLARILAL QENFLLQFKM DACSTEERKR DFEKIFAYYD VSKTGALEGP EVDGFVKDMM
ELVQPSISGV DLDKFREILL RHCDVNKDGK IQKSELALCL GLKINP
```

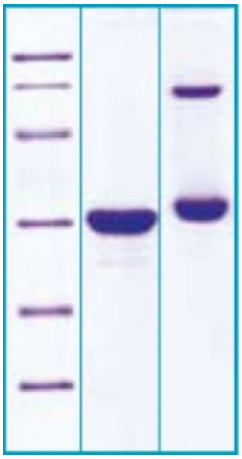
Source

E. coli

Purity

Purity as determined by densitometric image analysis: > 95%

SDS-PAGE gel



12% SDS-PAGE separation of Human SCGN
1. M.W. marker - 14, 21, 31, 45, 66, 97 kDa
2. reduced and heated sample, 5µg/lane
3. non-reduced and non-heated sample, 5µg/lane

Endotoxin

< 1.0 EU/ug

Formulation

Filtered (0.4 µm) and lyophilized from 0.5 mg/ml in 20mM Tris buffer, 20mM NaCl, pH 7.5

Reconstitution

Add 200ul of deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

Shipping

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

Storage, Stability/Shelf Life

Store lyophilized protein at -20°C. Lyophilized protein remains stable until the expiry date when stored at -20°C. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80°C for long term storage. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after one week at 4°C.

Quality Control Test

BCA to determine quantity of the protein.
SDS PAGE to determine purity of the protein.
LAL TEST to determine endotoxin level.

Applications

Western blotting

Note

This product is intended for research use only.

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