Secretagogin Rat E. coli

Product Data Sheet

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

Cat. No.:
RD372120100 (0.1 mg)

Description

Total 286 AA. MW: 33.3 kDa (calculated). UniProtKB acc.no. Q6R556. N-terminal His-tag, 10extra AA (highlighted).

Research topic

Diabetology - Other Relevant Products, Neural tissue markers, Oncology

Amino Acid Sequence

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MKHHHHHHAS MDNAHRQTQA HLDAACFWQI WQRFDKDEKG YIKETELDAF FDDLLAKFGI EDTLMEENVQ KMKEQLMVGH
DISKEGRILM KELASMFLSE DENFLLFFRL ETPLDNSVEF MQIWRKYDAD SSGFISAAEL SNFLRDLFLH HKKVISEAEL
EEYTSTMMKI FDRNKDGRLD LNDLARILAL QENFLLQFKM DASSTEERKR DFEKIFAHYD VSKTGALEGP EVDGFVKDMM
ELVQPSISGV DLDKFREILL RHCDVNKDGK IQKSELALCL GLKINP
```

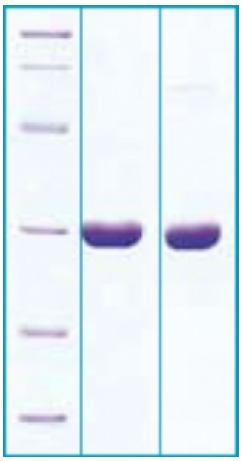
Source

E. coli

Purity

>95%

SDS-PAGE gel



12% SDS-PAGE separation of Rat Secretagogin
1. M.W. marker - 14, 21, 31, 45, 66, 97 kDa
2. reduced and heated sample, 7µg / lane
3. non-reduced and non-heated sample, 7µg / lane

Formulation

Filtered (0.4 µm) and lyophilized from 0.5 mg/ml in 20mM Tris buffer, 50mM NaCl, pH 7.5

Reconstitution

Add deionized water to prepare a working stock solution of approximately 0.5 mg/mL and let the lyophilized pellet dissolve completely. Filter sterilize your culture media/working solutions containing this non-sterile product before using in cell culture.

Shipping

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

Storage, Stability/Shelf Life

Store lyophilized protein at -80°C. Lyophilized protein remains stable until the expiry date when stored at -80°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.

Applications

Western blotting

Note

This product is intended for research use only.

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