

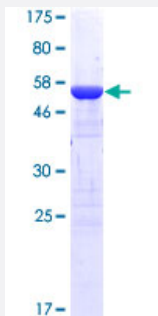
Full-Length

SCGN (Human) Recombinant Protein (P01)

Catalog # H00010590-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human SCGN full-length ORF (AAH00336.1, 1 a.a. - 276 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MDSSREPTLGRLDAAGFWQVWQRFDADEKGYIEEKELDAFFLHMLMKLGTDDTVMKANLHKVK
QQFMTTQDASKDGRIRMKELAGMFLSEDENFLLFRRENPLDSSVEFMQWRKYDADSSGFISAA
ELRNFLRDLFLHHKKAISEAKLEEYTGMMKIFDRNKDGRDLNDLARILALQENFLLQFKMDACS
TEERKRDFEKIFAYYDVSKTGALEGPEVDGFVKDMMELVQPSISGVLDLDFREILLRHCDVKNKD
GIQKSELALCLGLKINP

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

56.1

Interspecies Antigen Sequence

Mouse (84); Rat (83)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — SCGN

Entrez GeneID[10590](#)**GeneBank Accession#**[BC000336](#)**Protein Accession#**[AAH00336.1](#)**Gene Name**

SCGN

Gene Alias

CALBL, DJ501N12.8, SECRET, SEGN, setagin

Gene Description

secretagogen, EF-hand calcium binding protein

Omim ID[609202](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The encoded protein is a secreted calcium-binding protein which is found in the cytoplasm. It is related to calbindin D-28K and calretinin. This protein is thought to be involved in KCL-stimulated calcium flux and cell proliferation. [provided by RefSeq]

Other Designations

OTTHUMP00000016124|calbindin-like|secretagogen