

## Recombinant Human SCG3 Protein, His-tagged

Cat. No. SCG3-354H Lot. No. (See product label)

### SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Human SCG3(Phe20~Leu468) fused with His tag at N-terminal was expressed in E. coli.  |
| <b>Species</b>          | Human  |
| <b>Source</b>           | E.coli   |
| <b>ProteinLength</b>    | Phe20~Leu468   |
| <b>Description</b>      | The protein encoded by this gene is a member of the chromogranin/secretogranin family of neuroendocrine secretory proteins. Granins may serve as precursors for biologically active peptides. Some granins have been shown to function as helper proteins in sorting and proteolytic processing of prohormones; however, the function of this protein is unknown. Two transcript variants encoding different isoforms have been found for this gene. |
| <b>Form</b>             | PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.  |
| <b>Molecular Mass</b>   | 63.7kDa  |
| <b>Endotoxin</b>        | <1.0EU per 1g (determined by the LAL method)   |
| <b>Purity</b>           | > 95%  |
| <b>Applications</b>     | Positive Control; Immunogen; SDS-PAGE; WB.   |

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If bio-activity of the protein is needed, please check active protein.

**Stability**

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

**Storage**

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

**Reconstitution**

Reconstitute in PBS or others.

## GENE INFORMATION

**Gene Name**

SCG3 secretogranin III [ Homo sapiens ]

**Official Symbol**

SCG3

**Synonyms**

SCG3; secretogranin III; secretogranin-3; FLJ90833; SGIII;

**Gene ID**

29106

**mRNA Refseq**

NM\_001165257

**Protein Refseq**

NP\_001158729

**MIM**

611796

**UniProt ID**

Q8WXD2

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