

Recombinant Human SCG3 Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human SCG3(Phe20~Leu468) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Phe20~Leu468
Description	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.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	63.7kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Applications	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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