

# Recombinant Full Length Mouse Scg3 Protein, Myc/DDK-tagged

**Cat. No.** Scg3-5708M    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                         |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length secretogranin III (Scg3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.                                                                                                                                                                                    |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                                   |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | 1-471 a.a.                                                                                                                                                                                                                                                                                                              |
| <b>Description</b>      | Member of the granin protein family that regulates the biogenesis of secretory granules. Acts as a sorting receptor for intragranular proteins including chromogranin A/CHGA. May also play a role in angiogenesis. Promotes endothelial proliferation, migration and tube formation through MEK/ERK signaling pathway. |
| <b>Molecular Mass</b>   | 52.8 kDa                                                                                                                                                                                                                                                                                                                |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                             |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                                                                                                                                                                           |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.                                                                                                                                                                                                                                                                          |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method                                                                                                                                                                                                                                                                        |

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**Storage Buffer** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

## GENE INFORMATION

**Gene Name** Scg3 secretogranin III [ *Mus musculus* (house mouse) ]

**Official Symbol** Scg3

**Synonyms** SCG3; secretogranin III; secretogranin-3; Chgd; SgIII; 1B1075; AI385542

**Gene ID** 20255

**mRNA Refseq** NM\_001164790

**Protein Refseq** NP\_001158262

**UniProt ID** P47867

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