# Recombinant Full Length Human SCG3, His tagged

**Cat. No.** SCG3-110H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Human SCG3 (AAH14539.1) (Met1-Leu468), fused with a C-terminal polyhistidine tag, was produced in Human Cell. |
| **Species** | Human |
| **Source** | Human Cells |
| **ProteinLength** | 1-468 a.a. |
| **Predicted N Terminal** | Phe 20 |
| **Form** | Lyophilized from sterile PBS, pH 7.4.Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization. |
| **Molecular Mass** | The recombinant human SCG3 comprises 460 amino acids and has a predicted molecular mass of 52.4 kDa. The apparent molecular mass of the protein is approximately 54-63 kDa in SDS-PAGE under reducing conditions. |
| **Endotoxin** | < 1.0 eu per μg of the protein as determined by the LAL method. |
| **Purity** | >95 % as determined by SDS-PAGE |
| **Stability** | Samples are stable for up to twelve months from date of receipt at -70oC. |
| **Storage** | Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein |

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| | be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| **Reconstitution** | It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4℃ before opening to recover the entire contents. |

## GENE INFORMATION

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| **Gene Name** | SCG3 secretogranin III [ Homo sapiens ] |
| **Official Symbol** | SCG3 |
| **Gene ID** | 29106 |
| **mRNA Refseq** | NM_001165257 |
| **Protein Refseq** | NP_001158729 |
| **MIM** | 611796 |
| **UniProt ID** | Q8WXD2 |
| **Chromosome Location** | 15 |

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