

## Recombinant Human SCG2, His tagged

Cat. No. SCG2-139H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SCG2 (AAH22509.1) (Met1-Met617), fused with a C-terminal polyhistidine tag, was produced in Human Cell.
<b>Species</b>	Human
<b>Source</b>	Human Cells
<b>ProteinLength</b>	1-617 a.a.
<b>Predicted N Terminal</b>	Pro 17
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human SCG2 comprises 612 amino acids and has a predicted molecular mass of 70.5 kDa. The apparent molecular mass of the protein is approximately 71 and 65 kDa in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 eu per µg of the protein as determined by the LAL method.
<b>Purity</b>	(58.1+30.8) % as determined by SDS-PAGE
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70oC.
<b>Storage</b>	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°C before opening to recover the entire contents.

**GENE INFORMATION**

**Gene Name** [SCG2 secretogranin II \[ Homo sapiens \]](#)

**Official Symbol** SCG2

**Gene ID** [7857](#)

**mRNA Refseq** [NM\\_003469](#)

**Protein Refseq** [NP\\_003460](#)

**MIM** [118930](#)

**UniProt ID** [P13521](#)

**Chromosome Location** 2q35-q36

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