

## Recombinant Human SCG2 protein, His-tagged

Cat. No. SCG2-2480H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SCG2 protein(418-617 aa), fused to His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	418-617 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
<b>AA Sequence</b>	TPGGAGTEALPDGLSVEDILNLLGMESAAANQKTSYFPNPYNQEKVLPRLPYGAGRS RSNQLPKAAWIPHVENRQMAYENLNDKDQELGEYLARMLVKYPEIINSNQVKRVPG QGSSEGLQEEEEQIEQAIKEHLNQGSSQETDKLAPVSKRFPVGPCKNDTPNRQY WDEDLLMKVLEYLNQEKAKEKGREHIAKRAMENM
<b>Purity</b>	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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**Reconstitution** Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.  
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

## GENE INFORMATION

**Gene Name** SCG2 secretogranin II [ Homo sapiens ]

**Official Symbol** SCG2

**Synonyms** SCG2; secretogranin II; secretogranin-2; CHGC; chromogranin C; secretoneurin; SgII; SN; chromogranin-C; EM66;

**Gene ID** 7857

**mRNA Refseq** NM\_003469

**Protein Refseq** NP\_003460

**MIM** 118930

**UniProt ID** P13521

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