

## Recombinant Human SCG2 Protein, His-tagged

Cat. No. SCG2-1217H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SCG2 Protein (Gln31-Met617) with His tag was expressed in 293F.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Gln31-Met617
<b>Description</b>	The protein encoded by this gene is a member of the chromogranin/secretogranin family of neuroendocrine secretory proteins. Studies in rodents suggest that the full-length protein, secretogranin II, is involved in the packaging or sorting of peptide hormones and neuropeptides into secretory vesicles. The full-length protein is cleaved to produce the active peptide secretoneurin, which exerts chemotaxic effects on specific cell types, and EM66, whose function is unknown.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 69.4 kDa; Accurate Molecular Mass: 80 kDa
<b>Purity</b>	> 90%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by

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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.

**Storage Buffer**

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

**Reconstitution**

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

**GENE INFORMATION**

**Gene Name**

SCG2 secretogranin II [ Homo sapiens (human) ]

**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

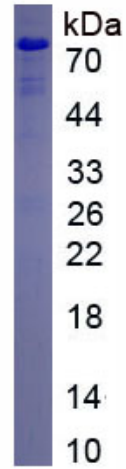
**UniProt ID**

P13521

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