

Recombinant Human SCG2 Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human SCG2 Protein (Gln31-Met617) with His tag was expressed in 293F.
Species	Human
Source	HEK293
ProteinLength	Gln31-Met617
Description	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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 69.4 kDa; Accurate Molecular Mass: 80 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	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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