Recombinant Human SCG2, His tagged

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

SPECIFICATION

Product Overview	Recombinant Human SCG2 (AAH22509.1) (Met1-Met617), fused with a C-terminal polyhistidine tag, was produced in Human Cell.
Species	Human
Source	Human Cells
ProteinLength	1-617 a.a.
Predicted N Terminal	Pro 17
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 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.
Endotoxin	< 1.0 eu per μg of the protein as determined by the LAL method.
Purity	(58.1+30.8) % 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

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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