

## 32-7918: Recombinant Human Secretogranin-2/SCG2 (C-6His)(Discontinued)

**Gene :** SCG2  
**Gene ID :** 7857  
**Uniprot ID :** P13521

### Description

Source: Human Cells.  
MW :68.8kD.

Recombinant Human Secretogranin-2 is produced by our Mammalian expression system and the target gene encoding Ser29-Met617 is expressed with a 6His tag at the C-terminus. Secretogranin-2 is also known as Chromogranin-C, Secretogranin II, SgII. In humans, it is encoded by the SCG2 gene. It belongs to the chromogranin/secretogranin protein family. Secretogranin-2 is a neuroendocrine secretory granule protein, which is the precursor for biologically active peptides. It derived secretoneurin was distributed with strong immunoreactivity in the somata of pelvic ganglion neurons, 72% of which also contained tyrosine hydroxylase, as well as in nerve terminals in the muscular layer and the lamina propria of the vas deferens.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.  
**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.  
**Amino Acid :** SFQRNQLLQKEPDLRLLENVQKFPSPMIRALEYIENLRQQAHESSPDYNPYQGVSVPLQQKENGDESHLPER  
DSLSEEDWMRIILEALRQAENEPQSAPKENKPYALNSEKNFPMDSDDYETQQWPERKCLKHMQFPPMYEENS  
RDNPFKRTNEIVVEEQYTPQSLATLESVFQELGKLTGPNNQKRERMDEEQKLYTDEDDIYKANNIAYEDVVGGE  
DWNPVEEKIESQTQEEVRDSKENIEKNEQINDEMKRSGQLGIQEEGLRKEKSKDQLSDDVSKVIAYLKRVLNAAG  
SGRLQNGQNGERATRLFEKPLDSQSIYQLIEISRNLIQIPPEDLIEMLKTGEKPNGSVEPERELDLPVDLDDISEAD  
LDHPDLFQNRMLSKSGYPKTPGGAGTEALPDGLSVEDILNLLGMESAANQKTSYFPNPNQEKVLPRLPYGAG  
RSRSNQLPKAAWIPHVENRQMAYENLNDKQDELGEYLARMLVKYPEIINSNQVKRVPQGSSSEGDLOEEEEQIE  
QAIKEHLNQGSSQETDKLAPVSKRFPVGPKNDDTPNRQYWDEDLLMKVLEYLNQEKAEKGREHIAKRAMEN  
MVDHHHHHH

### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.