

## Product datasheet for **TP305382M**

### Chromogranin C (SCG2) (NM\_003469) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human secretogranin II (chromogranin C) (SCG2), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205382 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MAEAKTHWLGAALSLIPLIFLISGAEAAASFQRNQLLQKEPDLRLLENVQKFPSPEMIRALEYIENLRQQA  
KEESSPDYNPYQGVSVPLQKENGDESHLPERDSLSEEDWMRIILEALRQAENEPQSAPKENKPYALNSE  
KNFPMDSDDYETQQWPERKLKHMQFPPMYEENS RDNPFKRTNEIVEEQYTPQSLATLESV FQELGKLTG  
PNNQKRERMDEEQKLYTDEDDIYKANNIAYEDVVGEDWNPVEEKIESQTQEEVRDSKENIEKNEQIND  
EMKRSGQLGIQEEGLRKEKDKLSDDVSKVIAYLKRVLNAAGSGRLQNGQNGERATRLFEKPLDSQSIYQ  
LIEISRLQIPPEDLIEMLKTGEKPNGSVEPERELDLPVDLDDISEADLDHPDLFQNRMLS KSGYPKTPG  
GAGTEALPDGLSVEDILNLLGMESAA NQKTSYFPNPYNQEKVLPRLPYGAGRSR SNQLPKAAWIPHVENR  
QMAYENLNDKQDELGEYLARMLVKYPEIINSNQVKRVPQGGSSEGLQEEEQIEQAIKEHLNQGSSQETD  
KLAPVSKRFPVGPKNDDTPNRQYWDEDLLMKVLEYLNQEKA EKGREHIAKRAMENM

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	70.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Bioactivity:	Cell treatment (PMID: <a href="#">26538656</a> )
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_003460](#)

**Locus ID:** 7857

**UniProt ID:** [P13521](#)

**RefSeq Size:** 2586

**Cytogenetics:** 2q36.1

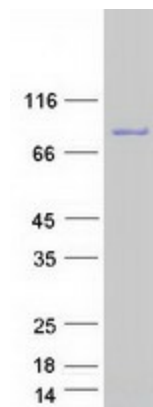
**RefSeq ORF:** 1851

**Synonyms:** CHGC; EM66; SgII; SN

**Summary:** 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. [provided by RefSeq, Jul 2008]

**Protein Families:** Secreted Protein, Transmembrane

### Product images:



Coomassie blue staining of purified SCG2 protein (Cat# [TP305382]). The protein was produced from HEK293T cells transfected with SCG2 cDNA clone (Cat# [RC205382]) using MegaTran 2.0 (Cat# [TT210002]).