

Product datasheet for **TP305382L**

Chromogranin C (SCG2) (NM_003469) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human secretogranin II (chromogranin C) (SCG2), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205382 protein sequence Red =Cloning site Green =Tags(s)

MAEAKTHWLGAALSLIPLIFLISGAEAAASFQRNQLLQKEPDLRLLENVQKFPSPMIRALEYIENLRQQA
 KEESPDPYQGVSVPLQKENGDESHLPERDSLSEEDWMRIILEALRQAENEPQSAPKENKPYALNSE
 KNFPMDSDDYETQQWPERKLKHMQFPPMYEENSRDNPFKRTNEIVEEQYTPQSLATLESVFQELGKLTG
 PNNQKRERMDEEQKLYTDEDDIYKANNIAYEDVVGEDWNPVEEKIESQTQEEVRDSKENIEKNEQIND
 EMKRSGQLGIQEEGLRKEKDKLSDDVSKVIAYLKRVLNAAGSGRLQNGQNGERATRLFEKPLDSQSIYQ
 LIEISRLQIPPEDLIEMLKTGEKPNGSVEPERELDLPVDLDDISEADLDHPDLFQNRMLSKSGYPKTPG
 GAGTEALPDGLSVEDILNLLGMESAAANQKTSYFPNPYNQEKVLPRLPYGAGRSRNLKAAWIPHVENR
 QMAYENLNDKQDELGEYLARMLVKYPEIINSNQVKRVPQGGSSEGLQEEEQIEQAIKEHLNQGSSQETD
 KLAPVSKRFPVGPKNDDTPNRQYWDEDLLMKVLEYLNQEKAKEKGREHIAKRAMENM

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: 26538656)
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.



[View online »](#)

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

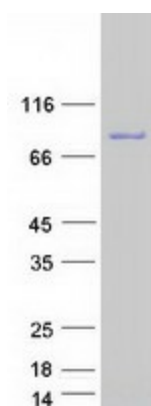
RefSeq ORF: 1851

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]).