

## Product datasheet for TP303080M

## OriGene Technologies, Inc.

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## Secretogranin 3 (SCG3) (NM\_013243) Human Recombinant Protein

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human secretogranin III (SCG3), 100 μg

Species: Human
Expression Host: HEK293T

**Expression cDNA Clone** >RC203080 protein sequence or AA Sequence: Red=Cloning site Green=Tags(s)

MGFLGTGTWILVLVLPIQAFPKPGGSQDKSLHNRELSAERPLNEQIAEAEEDKIKKTYPPENKPGQSNYS FVDNLNLLKAITEKEKIEKERQSIRSSPLDNKLNVEDVDSTKNRKLIDDYDSTKSGLDHKFQDDPDGLHQ LDGTPLTAEDIVHKIAARIYEENDRAAFDKIVSKLLNLGLITESQAHTLEDEVAEVLQKLISKEANNYEE DPNKPTSWTENQAGKIPEKVTPMAAIQDGLAKGENDETVSNTLTLTNGLERRTKTYSEDNFEELQYFPNF YALLKSIDSEKEAKEKETLITIMKTLIDFVKMMVKYGTISPEEGVSYLENLDEMIALQTKNKLEKNATDN ISKLFPAPSEKSHEETDSTKEEAAKMEKEYGSLKDSTKDDNSNPGGKTDEPKGKTEAYLEAIRKNIEWLK

KHDKKGNKEDYDLSKMRDFINKQADAYVEKGILDKEEAEAIKRIYSSL

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV** 

Tag: C-Myc/DDK
Predicted MW: 50.9 kDa

**Concentration:**  $>0.05 \mu g/\mu L$  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

**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.

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 037375





Synonyms:

**Locus ID:** 29106

UniProt ID: Q8WXD2

RefSeq Size: 3366

Cytogenetics: 15q21.2 RefSeq ORF: 1404

Summary: The protein encoded by this gene is a member of the chromogranin/secretogranin family of

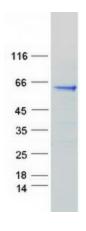
neuroendocrine secretory proteins. Granins may serve as precursors for biologically active peptides. Some granins have been shown to function as helper proteins in sorting and proteolytic processing of prohormones; however, the function of this protein is unknown. Two transcript variants encoding different isoforms have been found for this gene. [provided by

RefSeq, Sep 2009]

**Protein Families:** Druggable Genome, Secreted Protein

SGIII

## **Product images:**



Coomassie blue staining of purified SCG3 protein (Cat# [TP303080]). The protein was produced from HEK293T cells transfected with SCG3 cDNA clone (Cat# [RC203080]) using MegaTran 2.0 (Cat# [TT210002]).