

Product datasheet for **TP303080**

Secretogranin 3 (SCG3) (NM_013243) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human secretogranin III (SCG3), 20 µg

Species: Human

Expression Host: HEK293T

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

MGFLGTGTWILVLVLP IQAFPKPGGSQDKSLHNRELSAERPLNEQIAEAEEDKIKKTYPPENKPGQSNYS
FVDNLNLLKAITEKEKIEKERQSIRSSPLDNKLNVEDVDSTKNRKLIDDYDSTKSGLDHKFQDDPDGLHQ
LDGTPLTAEDIVHKIAARIYEENDRAAFDKIVSKLLNLGLITESQAHTLEDEVAEVLQKLISKEANNYEE
DPNKPTSWTENQAGKIPEKVTPMAAIQDGLAKGENDETVSNTLTLTNGLERRTKTYSEDNFEELQYFPNF
YALLKSIDSEKEAKEKETLITIMKTLIDFVKMMVKYGTISPEEGVSYLENLDEMIALQTKNKLEKNATDN
ISKLPAPSEKSHEETDSTKEEAAKMEKEYGSLKDSTKDDNSNPGGKTDEPKGKTEAYLEAIRKNIEWLK
KHDKKGNKEDYDLSKMRDFINKQADAYVEKGILDKEEAEAIKRIYSSL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 50.9 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

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](#)



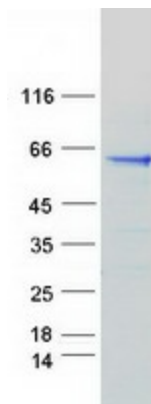
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Locus ID: 29106
UniProt ID: [Q8WXD2](#)
RefSeq Size: 3366
Cytogenetics: 15q21.2
RefSeq ORF: 1404
Synonyms: SGIII

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

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]).