

Recombinant Full Length Human SCG3 Protein, C-Flag-tagged

Cat. No. SCG3-2107HFL Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human SCG3 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	50.9 kDa
AA Sequence	MGFLGTGTWILVVLPIQAFPKPGGSQDKSLHNRELSAERPLNEQIAEAEEDKIKKTY PPENKPGQSNYS FVDNLNLLKAITEKEKIEKERQSIRSSPLDNKLNVEDVDSTKNRK LIDDYDSTKSGLDHKFQDDPDGLHQ LDGTPLTAEDIVHKAARIYEENDRAAFDKIVS KLLNLGLITESQAHTLEDEVAEVLQKLISKEANNYEE DPNKPTSWTENQAGKIPEKVT PMAAIQDGLAKGENDETVSNTLTLTNGLERRTKTYSEDNFEELQYFPNF YALLKSID SEKEAKEKETLITIMKTLIDFVKMMVKYGTISPEEGVSYLENLDEMIALQTKNKLEKNA TDN ISKLFPAPEKSSHEETDSTKEEAAKMEKEYGSLKDSTKDDNSNPGGKTDEPKG

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KTEAYLEAIRKNIEWLK KHDKKGNKEDYDLSKMRDFINKQADAYVEKGILDKEEAEAI
KRIYSSL TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Secreted Protein
Full Length	Full L.

GENE INFORMATION

Gene Name	SCG3 secretogranin III [Homo sapiens (human)]
Official Symbol	SCG3
Synonyms	SGIII
Gene ID	29106
mRNA Refseq	NM_013243.4

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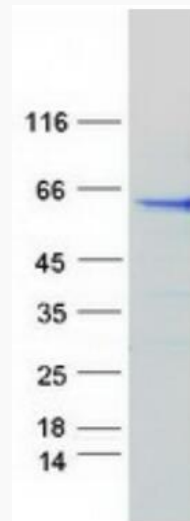
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Protein Refseq NP_037375.2

MIM 611796

UniProt ID Q8WXD2



Coomassie blue staining of purified SCG3 protein.

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