

Recombinant Human SCG3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SCG3-6609H Lot. No. (See product label)

SPECIFICATION

Product Overview	SCG3 MS Standard C13 and N15-labeled recombinant protein (NP_037375) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	53 kDa
AA Sequence	MGFLGTGTWILVVLPIQAFPKPGGSQDKSLHNRELSAERPLNEQIAEAEEDKIKKTY PPENKPGQSNYSFVDNLNLLKAITEKEKIEKERQSIRSSPLDNKLNVEDVDSTKNRKL IDDYDSTKSGLDHKFQDDPDGLHQLDGTPLTAEDIVHKIAARIYEENDRAAFDKIVSK LLNLGLITESQAHTLEDEVAEVLQKLISKEANNYEEDPNKPTSWTENQAGKIPEKVTP MAAIQDGLAKGENDETVSNTLTLTNGLERRTKTYSEDNFEELQYFPNFYALLKSIDSE KEAKEKETLITIMKTLIDFVKMMVKYGTISPEEGVSYLENLDEMIALQTKNKLEKNATD NISKLPAPSEKSHEETDSTKEEAAKMEKEYGSLKDSTKDDNSNPGGKTDEPKGKT

Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA

EAYLEAIRKNIEWLKKHKDKGNKEDYDLSKMRDFINKQADAYVEKGILDKEEAEAIKRI
YSSLTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name SCG3 secretogranin III [Homo sapiens (human)]

Official Symbol SCG3

Synonyms SCG3; secretogranin III; secretogranin-3; FLJ90833; SGIII;

Gene ID 29106

mRNA Refseq NM_013243

Protein Refseq NP_037375

MIM 611796

UniProt ID Q8WXD2

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SDS-PAGE



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