

Product datasheet for PH303080

Secretogranin 3 (SCG3) (NM_013243) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SCG3 MS Standard C13 and N15-labeled recombinant protein (NP_037375)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203080
Predicted MW:	53 kDa
Protein Sequence:	>RC203080 protein sequence Red=Cloning site Green=Tags(s)

MGFLGTGTWILVVLPIQAFPKPGGSQDKSLHNRELSAERPLNEQIAEAEEDKIKKTYPPENKPGQSNYS
FVDNLNLLKAI TEKEKIEKERQSIRSSPLDNKLNVEDVDSTKNRKLIDDYDSTKSGLDHKFQDDPDGLHQ
LDGTPLTAEDIVHKIAARIYEENDRAAFDKIVSKLLNLGLITESQAHTLEDEVAEVLQKLISKEANNYEE
DPNKPTSWTENQAGKIPEKVTPMAAIQDGLAKGENDETVSNTLTLTNGLERRTKYSEDNFEELQYFPNF
YALLKSIDSEKEAKEKETLITIMKTLIDFVKMMVKYGTISPEEGVSYLENLDEMIALQTKNKLEKNATDN
ISKLFAPSEKSHEETDSTKEEAAKMEKEYGSLKDSTKDDNSNPGGKTDEPKGKTEAYLEAIRKNIEWLK
KHDKKGNKEDYDL SKMRDF INKQADAYVEKGILDKEEAEAIKRIYSSL

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_037375</u>
RefSeq Size:	3366
RefSeq ORF:	1404
Synonyms:	SGIII



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Locus ID: 29106

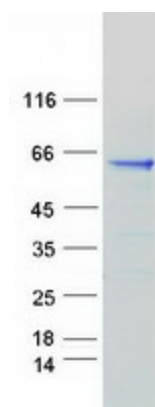
UniProt ID: [Q8WXD2](#)

Cytogenetics: 15q21.2

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]).