9051 Mira Mesa Blvd, #910094
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SCG3 Human

Secretogranin III Human Recombinant
RCP1993

Product Overview

Name	SCG3 Human
Description	
Secretogranin III Human Recombinant	
Accession (Primary)	Q8WXD2
Synonyms	
Secretogranin III, secretogranin-3, SGIII.	
Introduction	
SCG3 belongs to the chromogranin/secretogranin family of neuroendocrine secretory proteins. Though, the function of SCG3 is unknown, Granins operate as precursors for biologically active peptides. Several granins are known to serve as helper proteins in sorting and proteolytic processing of prohormones.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
The SCG3 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 20% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 85% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS FPKPGGS QDKSLHNREL SAERPLNEQI AEAEEDKIKK TYPPENKPGQ SNYSFVDNLN LLKAITEKEK IEKERQSIRS SPLDNKLNVE DVDSTKNRKL IDDYDSTKSG LDHKFQDDPD GLHQLDGTPL TAEDIVHKIA ARIYEENDRA VFDKIVSKLL NLGLITESQA HTLEDEVAEV LQKLISKEAN NYEEDPNKPT SWTENQAGKI PEKVTPMAAI QDGLAKGEND ETVSNTLTLT NGLERRTKTY SEDNFEELQY FPNFYALLKS IDSEKEAKEK ETLITIMKTL IDFVKMMVKY GTISPEEGVS YLENLDEMIA LQTKNKLEKN ATDNISKLFP APSEKSHEET DSTKEEAAKM EKEYGSLKDS TKDDNSNPGG KTDEPKGKTE AYLEAIRKNI EWLKKHDKKG	

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NKEDYDLSKM RDFINKQADA YVEKGILDKE EAEAIKRIYS SL.

Precautions

SCG3 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q8WXD2)