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32-4772: Recombinant Human Secretogranin III

Alternative Name : Secretogranin III,secretogranin-3,SGIII.

Description

Source : Escherichia Coli. SCG3 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 472 amino acids (20-468) and having a molecular mass of 53.0kDa.SCG3 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

Product Info

Amount :	20 µg
Purification :	Greater than 85% as determined by SDS-PAGE.
Content :	The SCG3 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 10% glycerol.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSFPKPGGS 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 NKEDYDLSKM RDFINKQADA YVEKGILDKE EAEAIKRIYS SL.

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