

32-8458: Recombinant Human Secretogranin-3/SCG3 (C-6His)

Gene : SCG3
Gene ID : 29106
Uniprot ID : Q8WXD2

Description

Source: Human Cells.
MW :52kD.

Recombinant Human Secretogranin-3 is produced by our Mammalian expression system and the target gene encoding Phe20-Leu468 is expressed with a 6His tag at the C-terminus. Secretogranin-3(SCG3) is a member of the chromogranin/secretogranin family of neuroendocrine secretory proteins. SCG3 is expressed in brain, heart, kidney, liver and skeletal muscle. It 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.

Product Info

Amount : 10 µg / 50 µg
Content : Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.
Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks.
Storage condition : Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid : FPKPGGSQDKSLHNRELSAERPLNEQIAEAEEDKIKKTYPPENKPGQSNYSFVDNLNLLKAITEKEKIEKERQSIR
SSPLDNKLNVEDVDSTKNRKLIDDYDSTKSLDHFQDDPDGLHQLDGTPLTAEDIVHKIAARIYEENDRAAFD
KIVSKLLNLGLITESQAHTLEDEVAEVLQKLISKEANNYEEDPNKPTSWTENQAGKIPEKVTMAAIQDGLAKGE
NDETVSNTLTLTNGLERRTKYSEDNFEELQYFPNFYALLKSIDSEKEAKEKETLITIMKTLIDFVKMMVKYGTISP
EEGVSYLENLDEMIALQTKNKLEKNATDNISKLFAPSEKSHEETDSTKEEAAKMEKEYGSLKDSTKDDNSNPG
GKTDEPKGKTEAYLEAIRKNIEWLKKHDKGNKEDYDLSKMRDFINKQADAYVEKGILDKEEAEAIKRIYSSLVD
HHHHHH

Application Note

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.