

## 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.  
**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. 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  
SSPLDNKLNVEDVDSTKNRKLIDDYDSTKSGLDHKFQDDPDGLHQLDGTPLTAEDIVHKIAARIYEENDRAAFD  
KIVSKLLNLGLITESQAHTLEDEVAEVLQKLISKEANNYEEDPNKPTSWTENQAGKIPEKVTPMAAIQDGLAKGE  
NDETVSNTLTLTNGLERRTKTYSEDNFEELQYFPNFYALLKSIDSEKEAKEKETLITIMKTLIDFVKMMVKYGTISP  
EEGVSYLENLDEMIALQTKNKLEKNATDNISKLFAPAPSEKSHEETDSTKEEAAKMEKEYGSLKDKDDNSNPG  
GKTDEPKGKTEAYLEAIRKNIEWLKKHDKGKNKEDYDLSKMRDFINKQADAYVEKGILDKEEAEAIKRIYSSLVD  
HHHHHH

### Application Note

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