

Product datasheet for **SC321602**

Secretogranin 3 (SCG3) (NM_013243) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Secretogranin 3 (SCG3) (NM_013243) Human Untagged Clone
Tag:	Tag Free
Symbol:	Secretogranin 3
Synonyms:	SGIII
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene sequence for NM_013243.2
 GGGGAGCGCCGGGCTGTGACCCAAGCCGAGCGTGGGAAGATGGGGTTCTCGGGACCGGC
 ACTTGGATTCTGGTGTAGTGCTCCCGATTCAAGCTTTCCCAAACCTGGAGGAAGCCAA
 GACAAATCTCTACATAATAGAGAATTAAGTGCAGAAAGACCTTTGAATGAACAGATTGCT
 GAAGCAGAAGAAGACAAGATTAACAAAAACATATCCTCCAGAAAACAAGCCAGGTGAGAGC
 AACTATTCTTTTGTGATAACTTGAACCTGCTAAAGGCAATAACAGAAAAGGAAAAAATT
 GAGAAAGAAAGACAATCTATAAGAAGCTCCCACTTGTATAAAGTTGAATGTGGAAGAT
 GTTGATTCACCAAGAATCGAAAACCTGATCGATGATTATGACTCTACTAAGAGTGGATTG
 GATCATAAATTTCAAGATGATCCAGATGGTCTTCATCAACTAGACGGGACTCCTTTAAC
 GCTGAAGACATTGTCCATAAAATCGCTGCCAGGATTTATGAAGAAAATGACAGAGCCGCG
 TTTGACAAGATTGTTCTAAACTACTTAATCTCGGCCTTATCACAGAAAGCCAAGCACAT
 AACTGGAAGATGAAGTAGCAGAGGTTTTACAAAAATTAATCTCAAAGGAAGCCAACAAT
 TATGAGGAGGATCCCAATAAGCCACAAGCTGGACTGAGAATCAGGCTGGAAAAATACCA
 GAGAAAGTGACTCCAATGGCAGCAATTCAAGATGGTCTTGCTAAGGGAGAAAACGATGAA
 ACAGTATCTAACACATTAACCTTGACAAATGGCTTGGAAAGGAGAACTAAACCTACAGT
 GAAGACAACCTTTGAGGAACCTCAATATTTCCCAAATTTCTATGCGCTACTGAAAAGTATT
 GATTTCAGAAAAAGCAAAAAGAGAAAAGAACTGATTACTATCATGAAAACACTGATT
 GACTTTGTGAAGATGATGGTGAAATATGGAACAATATCTCCAGAAGAAGGTGTTTCTAC
 CTTGAAAACCTGGATGAAATGATTGCTCTTCAGACCAAAAACAAGCTAGAAAAAATGCT
 ACTGACAATATAAGCAAGCTTTTCCAGCACCATCAGAGAAGAGTCATGAAGAAACAGAC
 AGTACCAAGGAAGAAGCAGCTAAGATGGAAGGAATATGGAAGCTTGAAGGATTCCACA
 AAAGATGATAACTCCAACCCAGGAGGAAAGACAGATGAACCCAAAGGAAAAACAGAAGCC
 TATTTGGAAGCCATCAGAAAAAATATTGAATGGTTGAAGAAACATGACAAAAAGGAAAT
 AAAGAAGATTATGACCTTTCAAAGATGAGAGACTTCATCAATAAACAAGCTGATGCTTAT
 GTGGAGAAAGGCATCCTTGACAAGGAAGAGCCGAGGCCATCAAGCGCATTATAGCAGC
 CTGTA AAAATGGCAAAAGATCCAGGAGTCTTCAACTGTTTCAGAAAACATAATATAGCT
 TAAAACACTTCTAATTCTGTGATTAAAATTTTTGACCCAAGGGTTATTAGAAAGTGCTG
 AATTTACAGTAGTTAACCTTTTACAAGTGGTAAAACATAGCTTTCTCCCGTAAAAACT
 ATCTGAAAGTAAAGTTGTATGTAAGCCAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_013243

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_013243.2 , NP_037375.2
RefSeq Size:	3371 bp
RefSeq ORF:	1407 bp
Locus ID:	29106
UniProt ID:	Q8WXD2
Cytogenetics:	15q21.2
Protein Families:	Druggable Genome, Secreted Protein
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>