

Product datasheet for **SC320757**

NSG2 (HMP19) (NM_015980) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NSG2 (HMP19) (NM_015980) Human Untagged Clone
Tag:	Tag Free
Symbol:	NSG2
Synonyms:	CALY3; HMP19
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene sequence for NM_015980.3
 GACACACGCGAGGCGCTGTCTTTTCAGCACCACAAGCTCGGGCTGAGGAGGGAGGACTCC
 TGGCCGTCTCTCTCTCTCAAATTGGCTTGAATCTTCTCTGACCCCCACGAGTGCAGC
 ACAGTCTGGGAAGAAAGGCGTAAGGATGGTGAAGCTGAACAGTAACCCCAGCGAGAAGGG
 AACCAAGCCGCTTCAGTTGAGGATGGCTTCCAGACCGTCCCTCTCATCACTCCCTTGA
 GGTTAATCACTTACAGCTGCCTGCTCCAGAAAAGGTGATTGTGAAGACAAGAACGGAATA
 TCAGCCGGAACAGAAGAACAAGGGAAGTTCGGGTGCCGAAAAATCGCTGAATTTACGGT
 CACCATCCTTGTGACCTGGCCCTAGCTTTCCTTGCGTGCATCGTGTTCCTGGTGGTTTA
 CAAAGCCTTACCTATGATCACAGCTGCCAGAGGGATTCTGTCTATAAGCACAAACGCTG
 TATCCCAGCTCCCTGGATGCTTACTACTCTCCAGGACCCCAATTCAGAAGCCGCTT
 CTACACAGTCACTAGCCACTACAGCGTGGCCAAGCAGAGCACTGCCCGGGCCATCGGGCC
 GTGGCTGTGAGCAGCCGCTGTATCCATGAGCCCAAGCCGCCAAGACCCAGGGCCACTA
 GAGGCCTGCCACGCCAGAATGGGGGGCGGGTGGAGAGGAGGACCCCAATTGGCTAAGC
 CAAGCTCCAGTTACAAGACAACACTGTACTCTGGGATATGGGGCGGGGCGGGCCAGG
 GCAGGGTGGGGGAAGAACGCACCAAAAACGTGGTGTGTGCTGGAGTTGTCTGAACCGAT
 ATTTCTTTTTGTCTTGGTATTGTTGATTTCGTGCGCCAGTCAAGCTCATGTACAAGGC
 ATGTTTCGTGTTGATTGTTCCCATGTAAGATATTTTTAAAGCCACTGCTTATTCTTTGTT
 AGGAAAATGTAACAGCAGAAAAGGAAAAGAAAACAAGAACATGAACAAAAGCATTAAACT
 GGCTCCATCGGAAGACGTTGAAGGGCAGTGAAGAGCACAGACTCTGTGGGCTTCTTAGAT
 AAGAAAACGTAGCTTCAGTGGGGCTCCAGGGTGCAGAGTATGAGTGACACAGACCCGG
 ACTATTCATTAGCCTGTGGTCTGCAGGGTAGGCCCGCAGGAAATGAGGAATGGCCAAGC
 TGGAGAGAAGAGCTGATTTTGGCATTACTAAGCCAGAATGCACATAACCCATAGTGAAA
 TGTGCTGGCCTCTGGTGCATTTTGAAGATGAGCACAAACTTTCTGGGCCTCCATCCTAG
 GACCTGGGCAGACCCACATGGCCTGGGCTCTGAATGCCACCCTGCGACGGTGGGTTCTG
 CATCAGCAAACGCTGAGGAGTGGGCAGATTTTCTTTGTCTTTTGTGCTTTTCTAGAT
 CCACACCTGGATACTGCCATGTTGACGAGACAGCAGCAGGGGAGAGGGAGGGAAGGAA
 GGTGCGGCTGCAAGAAGGAAGGCACGGGACAGGCATGTGACACTAGGCCACAAGCGATAA
 GCACAGGCACCTGACTTTTAAGTTTTTGTGTTGTTGTTTCCCAAAGTGTGATAACA
 ATAACAACAACAATAGGATTCACACCAGGAGCCTCAAGTGACAGCCAGGAAGAGACTGA
 AGGTTGGGGCCACCACAATGCCAAATCGTTTCTAAAGGAAGCTGAAAAATGGGACTGTCT
 TTTGCCACTTCTGTTGTGTTAAAGGGGACATTTGTCCAAACTCCCAACCGAGTTCTAG
 AAGCTCCTGACAAGGAGGAGCAGCATCCAGCCTTGACCAGGCTCCAGTTCCTGGAACCG
 TATCAGGCATTCCCTGCCTCTCACAATGTTTCAGGGAGGCCAGTTCTGCAGGGTGTCA
 GCTCCAGGACCCACAGGGCCAGAACCAGCTGGGAGAATTGGTTATTTGAGATGTGGTACT
 GCTTCTCACAAGTCTCCACAGGCCATGTAAAGGATTTTTTTGTGGCTTGTGTGTT
 GCTGAGATCATCGTATGCAACAGCTGGTAATAAGACTAGCATAGCTCAAACATCCTGC
 CAAACGCTCTCATCTGATTTTCTCCCTTCTCCCCAACCTCCAATCACCTGAGTCAC
 CTGTAATTCATTTGTGCTTCAAAGCGGAATAACAAGTTGTCCTAGCAAAACCGCTGAG
 CGCTTTATAATTTGTGGTGTATTTTGTGTCAGTAGGTAGCAGAGGCGGAAGTATTTTTG
 GTGTAATTCCTGAAATTTCTGACAGGAAACAAATAAGATAGATGTGTCTGAGAAAAAA
 AAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_015980

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:	<u>NM_015980.3</u> , <u>NP_057064.1</u>
RefSeq Size:	2356 bp
RefSeq ORF:	516 bp
Locus ID:	51617
UniProt ID:	<u>Q9Y328</u>
Cytogenetics:	5q35.2
Protein Families:	Druggable Genome, Transmembrane