

Product datasheet for **SC116685**

NKG7 (NM_005601) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NKG7 (NM_005601) Human Untagged Clone
Tag:	Tag Free
Symbol:	NKG7
Synonyms:	GIG1; GMP-17; p15-TIA-1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC116685 sequence for NM_005601 edited (data generated by NextGen Sequencing)

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ATGGAGCTCTGCCGGTCCCTGGCCCTGCTGGGGGCTCCCTGGGCTGATGTTCTGCCTG
ATTGCTTTGAGCACCGATTTCTGGTTTGAGGCTGTGGGTCCCACCCACTCAGCTCACTCG
GGCCTCTGGCCAACAGGGCATGGGGACATCATACAGGCTACATCCACGTGACGCAGACC
TTCAGCATTATGGCTGTTCTGTGGGCCCTGGTGTCCGTGAGCTTCTGGTCTGCCTGC
TTCCCCTCACTGTTCCCCCAGGCCACGGCCCGCTTGTCTCAACCACCGCAGCCTTTGCT
GCAGCCATCTCCATGGTGGTGGCCATGGCGGTGTACACCAGCGAGCGGTGGGACCAGCCT
CCACACCCCAGATCCAGACCTTCTTCTCCTGGTCCTTCTACCTGGGCTGGGTCTCAGCT
ATCCTCTTGCTCTGTACAGGTGCCCTGAGCCTGGGTGCTCACTGTGGCGGTCCCCGTCT
GGCTATGAAACCTTGTGA
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Clone variation with respect to NM_005601.3



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_005601 unedited GGAATTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCGCAGGGCGCAGGACC CCTCACTGCCCAACTGCTTGCTGTTCTCTTTCTTGGGCTCTAAGGACCCAGGAGTCT GGGTGCACAGCCTCCTTCTCTGAGATTCAAGAGTCTGATCAGCAGCCTTCTCCTCCT CAGGACCCAGAAGCCCTGAGCTTATCCCATGGAGCTCTGCCGGTCCCTGGCCCTGCTGG GGGGTCCCTGGCCTGATGTTCTGCTGATTGCTTTGAGCACCGATTCTGGTTTGAGG CTGTGGTCCCACCCACTCAGCTCACTCGGGCCTCTGGCCAACAGGGCATGGGGACATCA TATCAGGCTACATCCACGTGACGCAGACCTTCAGCATTATGGCTGTTCTGTGGCCCTGG TGCCGTGAGCTTCTGCTCCTGCTGCTTCCCCTCACTGTTCCCCCAGGCCACGGCC CGTTGTCTCAACCACCGCAGCCTTTGCTGCAGCCATCTCCATGGTGGTGGCCATGGCGG TGTACACCAGCGAGCGGTGGGACCAGCCTCCACACCCCCAGATCCAGACCTTCTTCTCCT GGTCTTCTACCTGGGCTGGGTCTCAGCTATCCTCTTGTCTGTACAGGTGCCCTGAGCC TGGGTGCTCACTGTGGCCGGTCCCCGCTGGCTATGAACTTGTGAGCAGAAGGCAAG AGCGGCAAGATGAGTTTTGAGCGTTGTATTCAAAGCCCTATCTGGAGCCTCGGGAAGT CTGTCCCACATTTGCCCGCTTTAGCCCTCCCCAACCCCTCTNTTGGTTNCTTCATCAT NAACAAAATTGGGTGGGAAAAAAAAAAAAAAAAA</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_005601 unedited GGCCTCGTGTGTTGATCATGTTNAACAGNAGNGGGGCTGGNGAGGGCTGNGAGGGCGG GCAGATGTGGGACCAGACTTTCCCGAGGCTCCAGATGAGGCTTTGGAATACAACGCTCA AAACTCATCTTGCCGCTCTTGCCTTCTGCTCACAAGGTTTCATAGCCAGGACGGGGACCG CCACAGTGAGCACCCAGGCTCAGGGCACCTGTACAGAGCAAGAGGATAGCTGAGACCCAG CCCAGGTAGAAGGACCAGGAGAAGAAGGTCTGGATCTGGGGGTGGAGGCTGGTCCCAC CGCTCGCTGGTGTACACCGCCATGGCCACCACCATGGAGATGGCTGCAGCAAAGGCTGCG GTGGTTGAGACAAGCGGGCCGTGGCCTGGGGGAACAGTGAGGGGAAGCAGGACAGGACC AGGAAGCTCACGGACACCAGGGCCACAGAACAGCCATAATGCTGAAGGTCTGCGTCACG TGGATGTAGCCTGATATGATGTCCCAATGCCCTGTTGGCCAGAGGCCCGAGTGAGCTGAG TGGGTGGGACCCACAGCCTCAAACCAGAAATCGGTGCTCAAAGCAATCAGGCCGAACATC AGGCCAGGGAGCCCCCAGCAGGGCCAGGGACCGGCAGAGCTCCATGGGGATAAGCTCA GGGCTTCTGGGTCTGGAAGAGGAAGAGGCTGCTGATCAGACTTGAATCTCAGAGAGA ACGAGGCTGTGCACCCAGACTCCTGGGCCTTATAGCCCAAGAAAGANAGAACAACCAAGT CATTTGCGGCAGTGAAGGGTCTGCCCNCCTCGGCCCGAATTTCTGGCCCCCTTATAG TGAGTTCTGCTTACAAAATCTTGACGGTCACTAAAACAACCTTTTGTCTTTTAAACCT TCCACCGTACCGCCTTACCGCAATTGA</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_005601
Insert Size:	970 bp
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).
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:

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_005601.3](#), [NP_005592.1](#)

RefSeq Size: 826 bp

RefSeq ORF: 498 bp

Locus ID: 4818

UniProt ID: [Q16617](#)

Cytogenetics: 19q13.41

Domains: PMP22_Claudin

Protein Families: Transmembrane