

Product datasheet for **SC106407**

RNF19B (NM_153341) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RNF19B (NM_153341) Human Untagged Clone
Tag:	Tag Free
Symbol:	RNF19B
Synonyms:	IBRDC3; NKLAM
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene sequence for NM_153341 edited
GAATTCGGCACGAGGCTAGACCGGGGCGCAAGGGTTGTGAGGTGTTTGTGAGCGAAGCGCCT
GCGCAGGGCAGCGGGCGCGGGGGCGGATGCTTTATAATCACTTCGTGCTGCGCTCGGC
TTCTATCGCCGGGAGGGCGGTTGXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXGCGNGC
CGCCCGCCCGGGCCCTGCCGCGGCCAGGNCNGCCGCCGAGGCGCTGCCCGCCGAGC
CGGCCCGGAGGCGGAGGCGGAGGCCGCGGGCGGGCGGGGAGCCTGGGTTTCGACGATG
AGGAGGCGGGGAGGGCGGTGGCCCGGGCGGGAGGAGGTGGAGTGTCCGCTGTGCCCTGG
TGCGGCTGCCGCTGAGCGGGCCCGCGCTCCTCAGCTGTCCGACCGCTCGTGCCGGG
ACTGCCTCCGCCACTACCTGCGCCTGGAGATAAGCGAGAGCAGGGTGCCCATCAGCTGCC
CCGAGTGCAGCGAGGACTCAACCCGCACGACATCCGCTTGCTGCTCGCCGACCCGCCGC
TTATGCACAAGTACGAGGAGTTCATGCTGCGCCGCTACCTAGCCTCGGACCCCGACTGCC
GCTGGTGGCCGGCCCGGACTGCGGTTATGCTGTTATTGCCTATGGCTGTGCCAGCTGCC
CGAAGCTAACTTGTGAGAGGGAAGGTTGCCAGACTGAGTCTGCTACCACTGCAAGCAGA
TATGGCATCCAAATCAGACATGCGATATGGCCCGTCAACAGAGGGCCAGACTTTACGAG
TTCGGACCAAACACACTTCAGGTCTCAGTTATGGGCAAGAATCTGGACCAGCAGATGACA
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GCAGCATTGAAGGCCTGACTAGTGTATTGAGCACTAGTGAAGCCCTACAGATGGACTTA
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TGAGTGGCGGCATTCTCTCCAGTGGCAAGGAAAATATAGCAGGTTAGAAGTTCAAGCCG
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CAAGCACTCGTGCTATGGCCGGTCCATAATCAGTTCTACAACCCACAGGACAGAGAAT
GCAACAATATGGAATCCAAGTGGACATTGAAGCCAAACCAAGCCACTATCAGCTGGTGA
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GCAGTGACCTAGAGAGTTCTGATGCACAGTGCAGCAGTGTGCCAGACATCACCTCAGATG
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AGCCAGAAGGTGGAGAAGCCAGAGTATGAAGTGAATGAATGCTCCTGTTCTGAGAAGCA
CACTTGTAACTGCATCTTTTGGAAATTTTTTTTTTTTTTTTTTCCAAGGGGTAGAGATTTAT
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CACAATTTCTTACCAGATAAAACATGAAAAGTTTGGCGTTAGTTCCCTCCCTCCCTC
CCTCTTTTATGTTTAAATTTATTGGTAAACTGATGGCAGCAATCCATGAGGTGTGTCAA
AGAGTGTACATATGATGTGTGTATATTGAATGCTAAACATATTACTGAAAGACACATTT
TAATAAGATTTCTGTCATAATTCAAAAAAAAAAAAAAAAAACTCGAC
    
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5' Read Nucleotide Sequence:	>OriGene 5' genomic read for NM_153341 unedited GGCCTGTTCAAATATTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGG CTAGACCGGGGCGCAAGGGTTGTGAGGTGTTTGTAGCGAAGCGCCTGCGCAGGGCAGCGGC GCGCGGGGCGGAGGCTTTATAATCACTTCGTTCGTTGCCGCTCGGCTTCTATCGCCGGGAG GGCGGTGAGGCGGTGGTGGCGCGTCGCGCGCGCCGGCGCTGGCTGAGGGGCGCTGA GGCGGGAGCTGTGGCGCGCTGGCGCCCTGGCTCCTCGGCTCTGCCGGCCATGGGCT CCGAGAAGGACTCCGAGTCGCGCGCTCCACATCGCTACATGCGGCCGCACCCGACCCTA AGTGCCGACGCGCGGCCGCGCGCCTCACCTTGACACAGCGTCTTCTCTGCCTCGG CCCGCGGCCGCCGCGCCGGGCCAAGCCGNAGGCCGAGCCGCGCCCGGGGGCGCCGC CGCGGNCGGGCCCGCCCGCCCGCCCGCCCGCCCGCCCGCCCGCCCGCCCGCCCGCCCGCC NGCCNNNGCCGNGCNGGGCGNGCNCGGCGGGCGCGCCNCCCGCCCGCCCGCCCGCCCGCC GGCGCGGGCCGNNNGGNCGCCCGCCCGGNNGCCCGCCCGCCCGCCCGCCCGCCCGCCCGCC CCCNCGGNNNGGCGNGCNGGNGCCNCCCGCCCGCCCGCCCGCCCGCCCGCCCGCCCGCC CCCCCGCCCGCCCGCCCGCCCGCCCGCCCGCCCGCCCGCCCGCCCGCCCGCCCGCCCGCC GGCGCGGNGGGGGGGGNNNGCCGNGCCCGCCCGCCCGCCCGCCCGCCCGCCCGCCCGCC GGGCCCGCCCGCCCGCCCGCCCGCCCGCCCGCCCGCCCGCCCGCCCGCCCGCCCGCCCGCC
Restriction Sites:	NotI-NotI
ACCN:	NM_153341
Insert Size:	2500 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:	<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_153341.1 , NP_699172.1
RefSeq Size:	2557 bp
RefSeq ORF:	1626 bp
Locus ID:	127544
UniProt ID:	Q6ZMZO
Cytogenetics:	1p35.1
Domains:	IBR
Protein Families:	Druggable Genome, Transmembrane

Gene Summary:

This gene encodes a multi-pass membrane protein containing two RING-type and one IBR-type zinc finger motifs. The encoded protein is an E3 ubiquitin-protein ligase that plays a role in the cytotoxic effects of natural killer (NK) cells. Alternative splicing results in multiple transcript variants. There are pseudogenes for this gene on chromosomes X and Y in a possible pseudoautosomal region. [provided by RefSeq, Jul 2014]

Transcript Variant: This variant (1) encodes the longest isoform (a). Sequence Note: This RefSeq record was created from transcript and genomic sequence data because no single transcript was available for the full length of the gene. The extent of this transcript is supported by.