

Product datasheet for **SC323149**

RNF19B (NM_001127361) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RNF19B (NM_001127361) Human Untagged Clone
Tag:	Tag Free
Symbol:	RNF19B
Synonyms:	IBRDC3; NKLAM
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC323149 representing NM_001127361.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGC
ATGGGCTCCGAGAAGGACTCCGAGTCGCCGCGCTCCACATCGCTACATGCGGCCGCACCCGACCCTAAG
TGCCGCAGCGCGCGCGCGCGCGCGCTCACCTTGACAGCGTCTTCTGCTCGGCCCGCGGCCGC
CGCGCCCGGGCCAAGCCGAGGCCGAGCCGCCCGCCCGGCTGCGCAGCCGCCCGCCCGGCCCGCT
GCCGCGGCCAGGGCCCGCCGAGGCGCTGCCCGCGAGCCGCCCGAGGCCGAGCGGAGGCC
GCGGCGCGCGCGCGGAGCCTGGGTTGACGATGAGGAGCGCGGAGGCGGTGCCCGGGCGCGGAG
GAGGTGGAGTGTCCGCTGTGCTGGTGGCTGCCGCTGAGCGGGCCCCGCGCTCCTCAGCTGTCCG
CACCGCTCGTCCGGGACTGCCTCCGCCACTACCTGCCCTGGAGATAAGCGAGAGCAGGGTGCCCATC
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ATGCACAAGTACGAGGAGTTCATGCTGCGCCGCTACCTAGCCTCGGACCCGACTGCCGCTGGTCCCG
GCCCGGACTGCGGTTATGCTGTTATTGCTATGGCTGTGCCAGTGCCGAAGCTAACTTGTGAGAGG
GAAGGTTGCCAGACTGAGTCTGCTACCACTGCAAGCAGATATGGCATCCAAATCAGACATGCGATATG
GCCCGTCAACAGAGGGCCAGACTTTACGAGTTCGGACCAACACACTTCAGGTCTCAGTTATGGCAA
GAATCTGGACCAGATGACATCAAGCCATGCCACGATGCAGTGCATACATTATCAAGATGAATGATGGA
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CCTGCCATGGTCATTGGCATTCTGTTTATGTTGGAAGGAAGATTCACAGCAGGTATGAGGGAAGGAAA
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ATTGCTGCAATTAGTGTGGTATTGGTGTCCTCCATTATGCTGGCATATGTTTATGGGTTGTGCCATT
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GAAGATGATGGTCCAATCACAGTGGCAGATGCCTGGAGAGCCCTCAAGAATCCCAGCATTGGGGAAGC
AGCATTGAAGGCCTGACTAGTGTATTGAGCACTAGTGAAGCCCTACAGATGGACTTAGTGTTATGCAA
GGTCCTTACAGCGAAACGGCCAGCTTTCAGCCCTCTCAGGGGGCAGCTGAGTGGCGGCATTCTCTCC
AGTGGCAAGGGAAATATAGCAGGTTAGAAGTTCAAGCCGATGTCCAAAGGAAATTTCCCAAAGAC
ACAGCCAGTCTTGGTGAATTAGTGACAACGCAAGCACTCGTGTATGGCCGTTCCATAATCAGTTCC
TACAACCCACAGGACAGGTTTAGCATGATCCATGCATGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

ACCN: NM_001127361

Insert Size: 1764 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).

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:	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_001127361.2</u>
RefSeq Size:	2734 bp
RefSeq ORF:	1764 bp
Locus ID:	127544
UniProt ID:	<u>Q6ZMZ0</u>
Cytogenetics:	1p35.1
Protein Families:	Druggable Genome, Transmembrane
MW:	62.7 kDa
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 (2) uses an alternate in-frame splice site in the 5' coding region, and another alternate splice site in the 3' coding region, which results in a frameshift, compared to variant 1. The encoded isoform (b) has a distinct C-terminus and is shorter than 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 transcript alignments.