

Product datasheet for **SC336707**

IBRDC1 (RNF217) (NM_001286398) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	IBRDC1 (RNF217) (NM_001286398) Human Untagged Clone
Tag:	Tag Free
Symbol:	IBRDC1
Synonyms:	C6orf172; dj84N20.1; IBRDC1; OSTL
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC336707 representing NM_001286398.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGGCGAGGAGCAGAGCACGGTGAGCGGCGGCGGGCCCCAGGAGTCGCAGACCCTGGCCAGTGCC
ACTGCGGGCCACCCTGAGCCCCGAGGCTCAGGGGGACAGCGCCCGGGCGCCCCGCTGCGCGCCGCC
TCCGCGGAGCCGAGCGGCGGTGGCTGCGGAAGCGACTGGGGCTGCGCGGACACCAGCGCCCCAGAGCCC
GCGAGGAGCCTGGGGCCCCGGGCTGGAGTAAGAGCCGAGCACCGGCGCAGCCTGCGGGACTGGCACTC
ACCGGGCCTCTCAATCCCCAGACCTTGCCACTGCAGTTGGAGCTGGAGGAGGAAGAGGAGGAAGCTGGG
GATCGAAAAGAGGGAGGGGATGAACAGCAGGAGGCGCCCCCGGCGAAGAGCTGGAGCCAGGACCCGC
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CGACTGTCCCTCCAACGGATTCCCTCTCCCCGACGGCGGCGAGCATCGAGCTGGAGTTCTACCTGGCG
CCCGAGCCGTTTCCATGCCAGCCTGTTGGGAGCTCCACCCTACTCTGGCCTGGGCGGTGATGGGGAT
CCCTATGTGCCCCCTCATGGTGCTGATGTGCCGGGTGTGCCTGGAAGACAAGCCCATCAAGCCCTGCCT
TGCTGCAAGAAGGCCGTGTGCGAGGAGTGCCTCAAAGTCTACCTGAGCGCCAGGTACAATTGGCCAA
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TGTCCTCAGTGCAAGCACTTTACAACCTTCAAGAAAAAGGACATATCCACCCCTTCCAGATCAGAA
AGCAAAACAAAAATCCAGTGCCCTACCTGCCAATTCGTCTGGTGTGTTAAGTGCCACTCTCTTGGCAT
GAAGGTGTTAACTGCAAGGAGTACAAAAAGGAGACAAATTGTTGCGTCACTGGGCCAGCGAAATTGAG
CATGGGCAGAGGAATGCCAGAAAGTGTCCAAAGTGCAAGATCCACATCCAGCGAACTGAAGGATGTGAC
CATATGACCTGCTCACAATGTAACACTAATTTTTGTTACCGATGTGGTGAGAGATACCGCCAGCTCCGA
TTTTTGGAGACCACACATCAAACCTCAGTATATTTGGATGCAAAATATCGCTACCTCCAGAGAGACCT
CATTTAAGGAGATTAGTGCAGGGTCAGTCTGTGCTGGAAAATTATTCATTGCACCTCTAATTATGGTT
TTGGGATTGGCACTAGGGGCCATAGCGTTGTAATCGGTTTATTTGATTTCTATCTATTGCCTTTGT
AAAAACAGAGAAAACGATCACGGACAGGTATGCACTGGTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

ACCN: NM_001286398

Insert Size: 1629 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_001286398.2](#)

RefSeq Size: 11326 bp

RefSeq ORF: 1629 bp

Locus ID: 154214

UniProt ID: [Q8TC41](#)

Cytogenetics: 6q22.31

Protein Families: Transmembrane

MW: 59.4 kDa

Gene Summary: This protein encoded by this gene is a member of the RING1-IBR-RING24 (RBR) ubiquitin protein ligase family, and it belongs to a subfamily of these proteins that contain a transmembrane domain. This protein can interact with the HAX1 anti-apoptotic protein via its C-terminal RING finger motif, which suggests a role in apoptosis signaling. It is thought that deregulation of this gene can be a mechanism in leukemogenesis. Mutations in the region encoding the protein GXXXG motif, which appears to be necessary for protein self-association, have been found in human cancers. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Apr 2016]

Transcript Variant: This variant (1) encodes the longer isoform (a). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.