

Product datasheet for **RC209302L4V**

IBRDC2 (RNF144B) (NM_182757) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | IBRDC2 (RNF144B) (NM_182757) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | IBRDC2 |
| Synonyms: | bA528A10.3; IBRDC2; p53RFP; PIR2 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_182757 |
| ORF Size: | 906 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC209302). |
| OTI Disclaimer: | The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info |
| OTI Annotation: | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene. |
| RefSeq: | NM_182757.2 |
| RefSeq Size: | 4782 bp |
| RefSeq ORF: | 912 bp |
| Locus ID: | 255488 |
| UniProt ID: | Q7Z419 |
| Cytogenetics: | 6p22.3 |
| Protein Families: | Transmembrane |
| MW: | 33.5 kDa |



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Gene Summary:

E3 ubiquitin-protein ligase which accepts ubiquitin from E2 ubiquitin-conjugating enzymes UBE2L3 and UBE2L6 in the form of a thioester and then directly transfers the ubiquitin to targeted substrates such as LCMT2, thereby promoting their degradation. Induces apoptosis via a p53/TP53-dependent but caspase-independent mechanism. However, its overexpression also produces a decrease of the ubiquitin-dependent stability of BAX, a pro-apoptotic protein, ultimately leading to protection of cell death; But, it is not an anti-apoptotic protein per se. [UniProtKB/Swiss-Prot Function]