

Product datasheet for **RC208254L2V**

RNF144 (RNF144A) (NM_014746) Human Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | RNF144 (RNF144A) (NM_014746) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | RNF144 |
| Synonyms: | hUIP4; RNF144; UBCE7IP4 |
| Mammalian Cell Selection: | None |
| Vector: | pLenti-C-mGFP (PS100071) |
| Tag: | mGFP |
| ACCN: | NM_014746 |
| ORF Size: | 876 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC208254). |
| 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_014746.2 |
| RefSeq Size: | 5755 bp |
| RefSeq ORF: | 879 bp |
| Locus ID: | 9781 |
| UniProt ID: | P50876 |
| Cytogenetics: | 2p25.1 |
| Domains: | IBR |
| Protein Families: | Druggable Genome, Transmembrane |



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MW: 32.7 kDa

Gene Summary: This gene encodes a member of a family of RING finger domain-containing E3 ubiquitin ligases that also includes parkin and parc. The expression of this gene is induced by DNA damage. The encoded protein interacts with the cytoplasmic DNA-dependent protein kinase, catalytic subunit (DNA-PKcs) and promotes its degradation through ubiquitination. The orthologous mouse protein has been shown to interact with a ubiquitin-conjugating enzyme involved in embryonic development. [provided by RefSeq, Mar 2017]