

Product datasheet for **RC205500L3V**

RBJ (DNAJC27) (NM_016544) Human Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | RBJ (DNAJC27) (NM_016544) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | RBJ |
| Synonyms: | RabJ5; RBJ |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| ACCN: | NM_016544 |
| ORF Size: | 819 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC205500). |
| 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_016544.1 , NP_057628.1 |
| RefSeq Size: | 5008 bp |
| RefSeq ORF: | 822 bp |
| Locus ID: | 51277 |
| UniProt ID: | Q9NZQ0 |
| Cytogenetics: | 2p23.3 |
| Domains: | DnaJ, ras, RAN, RAS, RHO, RAB |
| MW: | 30.9 kDa |



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Gene Summary:

GTPase which can activate the MEK/ERK pathway and induce cell transformation when overexpressed. May act as a nuclear scaffold for MAPK1, probably by association with MAPK1 nuclear export signal leading to enhanced ERK1/ERK2 signaling.[UniProtKB/Swiss-Prot Function]