

Product datasheet for **RC205500L4V**

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

Product data:

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-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
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]