

Product datasheet for **RC209464L4V**

NKIRAS2 (NM_017595) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	NKIRAS2 (NM_017595) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NKIRAS2
Synonyms:	kappaB-Ras2; KBRAS2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_017595
ORF Size:	573 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209464).
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_017595.4
RefSeq Size:	2474 bp
RefSeq ORF:	576 bp
Locus ID:	28511
UniProt ID:	Q9NYR9
Cytogenetics:	17q21.2
Domains:	RAS, RAB
MW:	21.5 kDa


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Gene Summary:

Atypical Ras-like protein that acts as a potent regulator of NF-kappa-B activity by preventing the degradation of NF-kappa-B inhibitor beta (NFKBIB) by most signals, explaining why NFKBIB is more resistant to degradation. May act by blocking phosphorylation of NFKBIB and nuclear localization of p65/RELA NF-kappa-B subunit. It is unclear whether it acts as a GTPase. Both GTP- and GDP-bound forms block phosphorylation of NFKBIB (By similarity).
[UniProtKB/Swiss-Prot Function]