

Product datasheet for **RC204248L4V**

NKIRAS1 (NM_020345) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	NKIRAS1 (NM_020345) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NKIRAS1
Synonyms:	kappaB-Ras1; KBRAS1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_020345
ORF Size:	576 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204248).
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_020345.3
RefSeq Size:	2013 bp
RefSeq ORF:	579 bp
Locus ID:	28512
UniProt ID:	Q9NYS0
Cytogenetics:	3p24.2
Domains:	ras, RAS, RAB
MW:	21.6 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 mediating cytoplasmic retention 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.
[UniProtKB/Swiss-Prot Function]