

## Product datasheet for **RC221544L3V**

### IRAK (IRAK1) (NM\_001569) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	IRAK (IRAK1) (NM_001569) Human Tagged ORF Clone Lentiviral Particle
Symbol:	IRAK
Synonyms:	IRAK; pelle
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001569
ORF Size:	2136 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221544).
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. <a href="#">More info</a>
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:	<a href="#">NM_001569.3</a>
RefSeq Size:	3589 bp
RefSeq ORF:	2139 bp
Locus ID:	3654
UniProt ID:	<a href="#">P51617</a>
Cytogenetics:	Xq28
Domains:	DEATH, pkinase, TyrKc, S_TKc
Protein Families:	Druggable Genome, Protein Kinase, Transcription Factors



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**Protein Pathways:** Apoptosis, Neurotrophin signaling pathway, Toll-like receptor signaling pathway

**MW:** 76.4 kDa

**Gene Summary:** This gene encodes the interleukin-1 receptor-associated kinase 1, one of two putative serine/threonine kinases that become associated with the interleukin-1 receptor (IL1R) upon stimulation. This gene is partially responsible for IL1-induced upregulation of the transcription factor NF-kappa B. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]