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Product datasheet for RC209245L4V

IRAKM (IRAK3) (NM_007199) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	IRAKM (IRAK3) (NM_007199) Human Tagged ORF Clone Lentiviral Particle
Symbol:	IRAKM
Synonyms:	ASRT5; IRAKM
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_007199
ORF Size:	1788 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209245).
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_007199.1, NP_009130.1
RefSeq Size:	8351 bp
RefSeq ORF:	1791 bp
Locus ID:	11213
UniProt ID:	Q9Y616
Cytogenetics:	12q14.3
Domains:	DEATH, pkinase, TyrKc, S_TKc
Protein Families:	Druggable Genome, Protein Kinase

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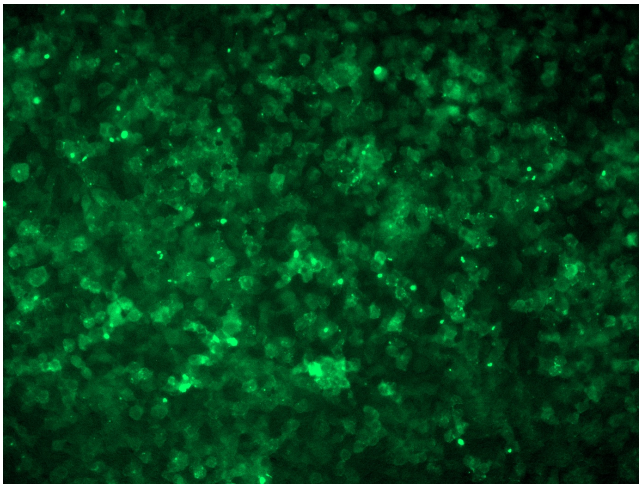
Protein Pathways: Apoptosis, Neurotrophin signaling pathway

MW: 67.8 kDa

Gene Summary: This gene encodes a member of the interleukin-1 receptor-associated kinase protein family. Members of this family are essential components of the Toll/IL-R immune signal transduction pathways. This protein is primarily expressed in monocytes and macrophages and functions as a negative regulator of Toll-like receptor signaling. Mutations in this gene are associated with a susceptibility to asthma. Alternate splicing results in multiple transcript variants. [provided by RefSeq, May 2010]

Product images:



[RC209245L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC209245L4V particle to overexpress human IRAK3-mGFP fusion protein.

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