Product datasheet for RC206757L4V

CARD12 (NLRC4) (NM_021209) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CARD12 (NLRC4) (NM_021209) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CARD12
Synonyms:	AIFEC; CARD12; CLAN; CLAN1; CLANA; CLANB; CLANC; CLAND; CLR2.1; FCAS4; IPAF
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_021209
ORF Size:	3072 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206757).
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_021209.3
RefSeq Size:	3385 bp
RefSeq ORF:	3075 bp
Locus ID:	58484
UniProt ID:	Q9NPP4
Cytogenetics:	2p22.3
Domains:	LRR
Protein Pathways:	NOD-like receptor signaling pathway

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MW: 116.2 kDa

Gene Summary: This gene encodes a member of the caspase recruitment domain-containing NLR family. Family members play essential roles in innate immune response to a wide range of pathogenic organisms, tissue damage and other cellular stresses. Mutations in this gene result in autoinflammation with infantile enterocolitis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2014]