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Product datasheet for RC218775L3V

NLRP8 (NM_176811) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	NLRP8 (NM_176811) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NLRP8
Synonyms:	CLR19.2; NALP8; NOD16; PAN4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_176811
ORF Size:	3144 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC218775).
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_176811.2, NP_789781.2
RefSeq Size:	3934 bp
RefSeq ORF:	3147 bp
Locus ID:	126205
UniProt ID:	Q86W28
Cytogenetics:	19q13.43
MW:	119.2 kDa

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Gene Summary: This gene encodes a member of the nucleotide-binding oligomerization domain/ leucine rich repeat/ pyrin domain containing (NLRP) subfamily, which belongs to the Nod-like receptor family of proteins. NLRP genes play roles in the mammalian innate immune system through inflammasome formation and activation of caspases. In addition, NLRP genes have been found to function during mammalian reproduction. Consistent with a function during human preimplantation development, this gene is expressed at high levels in oocytes with decreased levels in embryos. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2016]