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Product datasheet for RC225628L3V

LXR alpha (NR1H3) (NM_001130102) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	LXR alpha (NR1H3) (NM_001130102) Human Tagged ORF Clone Lentiviral Particle
Symbol:	LXR alpha
Synonyms:	LXR-a; LXRA; RLD-1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001130102
ORF Size:	1206 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC225628).
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_001130102.2
RefSeq Size:	1748 bp
RefSeq ORF:	1209 bp
Locus ID:	10062
UniProt ID:	Q13133
Cytogenetics:	11p11.2
Protein Families:	Druggable Genome, Nuclear Hormone Receptor, Transcription Factors
Protein Pathways:	PPAR signaling pathway

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MW: 45.7 kDa

Gene Summary: The protein encoded by this gene belongs to the NR1 subfamily of the nuclear receptor superfamily. The NR1 family members are key regulators of macrophage function, controlling transcriptional programs involved in lipid homeostasis and inflammation. This protein is highly expressed in visceral organs, including liver, kidney and intestine. It forms a heterodimer with retinoid X receptor (RXR), and regulates expression of target genes containing retinoid response elements. Studies in mice lacking this gene suggest that it may play an important role in the regulation of cholesterol homeostasis. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]