

## Product datasheet for **SC337734**

### **NLRX1 (NM\_001282358) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	NLRX1 (NM_001282358) Human Untagged Clone
Tag:	Tag Free
Symbol:	NLRX1
Synonyms:	CLR11.3; DLNB26; NOD5; NOD9; NOD26
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_001282358, the custom clone sequence may differ by one or more nucleotides

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ATGAGGTGGGGCCACCATTTGCCAGGGCCTCTGGGGCTCTGGTTTTAGAAGGACTCCAGCGACCAG
ATGATCGTATCCCCTTCTGATCCACTGGAGTTGGCCCTTCAAGGGGAGCGTCCCTTTGGGCCCTAG
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GCGAGTGGAGGGGAGGTGAGGGCCCTCTGGAGCAGCTGGGAAGCTCTGGAAGCTGA
    
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**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001282358

<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001282358.1</a> , <a href="#">NP_001269287.1</a>
<b>RefSeq Size:</b>	3682 bp
<b>RefSeq ORF:</b>	2928 bp
<b>Locus ID:</b>	79671
<b>UniProt ID:</b>	<a href="#">Q86UT6</a>
<b>Cytogenetics:</b>	11q23.3
<b>Protein Pathways:</b>	RIG-I-like receptor signaling pathway
<b>Gene Summary:</b>	<p>The protein encoded by this gene is a member of the NLR family and localizes to the outer mitochondrial membrane. The encoded protein is a regulator of mitochondrial antiviral responses. Three transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Aug 2013]</p> <p>Transcript Variant: This variant (5) differs in the 5' UTR compared to variant 4. All variants encode the same protein.</p>