

## Product datasheet for **RN205961**

### Lamp3 (NM\_001012015) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Lamp3 (NM\_001012015) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Lamp3  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN205961 representing NM\_001012015  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCCTGGGCAGACCTCTGCAGTAGCTGTACTCCTGTGTCTGGCTGTAATTTTACATGGCTATCAAATAA  
GAGAAAAAGAATTTCCAGAAGCCAGAGGCTATCTTCAATATACTGCAACAACAACAGAACAGATCACAGC  
AAAACCTCCACTACCCTGACTAACCACCAACATCTCATGCAACTTAGCATCAAGGTCCAAGGATGATTAC  
ATTCAAACGGCTGCCGAAACTTCCACTTTTGAAGACACAGCCACATAACAATGAAAACAGCAATCCCAG  
TAACTACGAAGAGCCTTCTACCCATCAGCTCAACTAGCTATACCTTTGTTAGAATAATAACTCACACAT  
GACTGTTTACTACTGAAGATACTATTGGCTCTGGCTCAATTACACATTTACCATTTTCTACAACCAGA  
GCTAGTCTAGCTGCTGTCAATCATATAACTGGGAGAAGTACCCAACCTGGTGGTCAGACTACCCCTCCCA  
AAGCACTTTTACACCATCACACGAAAGCACAACCACTCAGAGGCCAATCTATCCACTATTGTCTCAGA  
ACTAACACCTACAGGCAAGGACAGATCAACAACCTCATCTGTTCCCTTAGTCCCAGGCCTACTTTTGT  
ACTTGGTCATCACCTGCCAAGATTGGAACCTATGAAGTACTAAATGGAAGCAGGCTCTGTATAAAAGCAG  
AGATGGGAATAGCGCTGATTGTTCAAGAAAAGGTTTGGATTCTGCAACCCAGAGGCACTCAACATTGA  
CCCCAGTCTAACCCATGCATCTGGGAAATGTGGCTCCCAAACTCCAACCTCTTCTTGAATTTCCAGGGT  
GGATCCGTGAATGTCACATTTACCAAGGAAGAAAACCTTATATTACGTTAGTGAAGTTGGAGCTTATTTGA  
CCATCTCAAATACAGAGAAGACCTACCAAGGAAGAGTACTATGATGATGTTTGAGACAGTAGTTGGGCA  
TTCTTTCAAGTGTGTCAGTGAGCAGAGCATCCAGCTATCAGCTCAGCTTCAAATGAAAACAAATGAATATC  
CATCTTCAGGCCTTTGATTTTGAAGGAGACTCCTTTGGAATTGTGGACGAGTGTGTTGTCAGACTACACAG  
TTGTGCTTCTGTGGTTGGGATCATCGTGGTTGCCTCTGTGTTGTTGGGTCTGGGCATCTACAAAATCCG  
CAAAGGCGTCAGTCATCTGCATACCAGAGAAT**CTAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI



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<b>ACCN:</b>	NM_001012015
<b>Insert Size:</b>	1227 bp
<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>	<u><a href="#">NM_001012015.1</a></u> , <u><a href="#">NP_001012015.1</a></u>
<b>RefSeq Size:</b>	1927 bp
<b>RefSeq ORF:</b>	1227 bp
<b>Locus ID:</b>	303801
<b>UniProt ID:</b>	<u><a href="#">Q5XI99</a></u>
<b>Cytogenetics:</b>	11q23
<b>Gene Summary:</b>	May play a role in dendritic cell function and in adaptive immunity.[UniProtKB/Swiss-Prot Function]