

## Product datasheet for RR215243

### Lum (NM\_031050) Rat Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
Product Name: Lum (NM\_031050) Rat Tagged ORF Clone  
Tag: Myc-DDK  
Symbol: Lum  
Vector: pCMV6-Entry (PS100001)  
E. coli Selection: Kanamycin (25 ug/mL)  
Cell Selection: Neomycin  
ORF Nucleotide Sequence: >RR215243 representing NM\_031050  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGAATGTATGTACGTTCACTCTTGTCTTGGCATTAGTCGGTAGTGTAGTGGCCAATACTATGATTATG  
ATGCCCCCTCTTTCATGTATGGGAACTGTCACCCAACGTGCACCAGAATGTAAGTGTCCACAGTCA  
CCCAACTGCCATGTACTGTGATGATCTCAAGTTGAAAAGTGTGCCATGGTGCCCCCTGGCATCAAGTAC  
CTTTACCTGAGGAATAACCAGATCGACCATATTGATGAAAAGGCCTTTGAGAATGTAACGGATCTGCAAT  
GGCTATTCTTGACCACAATCTTCTAGAAAACCTCAAGATCAAAGGAAAAGTCTTCTCTAAGCTGAAACA  
ACTGAAGAAGCTGCATATAAACTACAACAATTTGACCGAGTCCGTGGTCCGCTCCCAAAGTCCCTACAA  
GACCTTCAGCTGGCCAATAATAAGATCAGCAAGCTGGGCTCCTTCGACGGGCTGGTAAACCTGACCTTCA  
TTTACCTCAACACAACCAGCTCAAAGAGGAGGCTGTCTCGGCTTCTCTGAAAGGCCTTAAGTCACTCGA  
ATACCTCGACTTGAGCTTCAATCAGATGAGCAAGCTGCCCGTGGCCTTCCAACATCTCTTCAACTCTC  
TACCTAGACAACAATAAGATCACCAACATTCCTGATGAGTATTTCAATCGCTTCACCGGGCTTCAACT  
TGCCTTTATCTACAATGAGCTGGCTGACAGTGGCGTGCCTGAAAACCTATTTAACATATCATCTCTGCT  
CGAGCTCGATCTCTCCTACAATAAGCTCAAGAGTATACCAACCGTTAATGAAAACCTGAAAACCTATTAC  
CTGGAGGTCAATAAACTCGAAAAGTTTGTGTCAAGAGCTTCTGTAAAGTCTGGGACCACTATCTTACT  
CCAAGTCAAGCATTGGCGCTTGGATGGCAATCCCTCACTCAAAGCAGTCTGCCCTGACATGTACGA  
GTGTCTACGTGTAGCAAATGAAATCACGGTTAAT

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >RR215243 representing NM\_031050  
 Red=Cloning site Green=Tags(s)

MNVCTFTLVLALVGSVSGQYYDYDAPLFMYGELSPNCAPECNCPHSYPTAMYDDLKLSVPMVPPGIKY  
 LYL RNNQIDHIDEKAFENVTDLQWLILDHNLLENSKIKGKVFSLKQKLLHINYNNLTESVGPLPKSLQ  
 DLQLANNKISKLGSGFDGLVNLTFIYLQHNQLKEEAVSASLKGKLSLEYLDLSFNQMSKLPAGLPTSLLTL  
 YLDNNKIITNIPDEYFNRF TGLQYLRLSHNELADSGVPGNSFNISLLELDLSYNKLSKIPTVNNENLENY  
 LEV NKLEKFDVKSFCILGPLSYSIKHLRLDGNPLTQSSLPPDMECLRVANEITVN

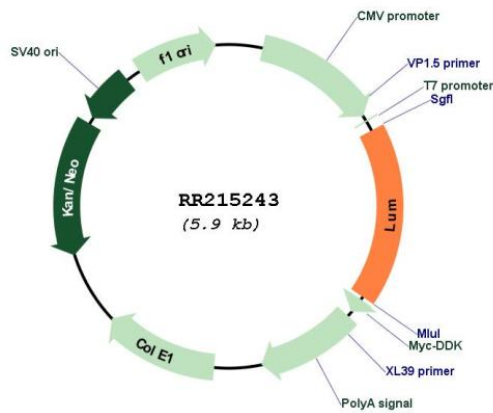
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM\_031050

<b>ORF Size:</b>	1014 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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_031050.1</a> , <a href="#">NP_112312.1</a>
<b>RefSeq Size:</b>	1740 bp
<b>RefSeq ORF:</b>	1017 bp
<b>Locus ID:</b>	81682
<b>UniProt ID:</b>	<a href="#">P51886</a>
<b>Cytogenetics:</b>	7q13
<b>MW:</b>	38.3 kDa
<b>Gene Summary:</b>	member of leucine-rich proteoglycan family; may play a role in immature and transient fibrosis of acute pancreatitis [RGD, Feb 2006]