

Product datasheet for **RN215243**

Lum (NM_031050) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Lum (NM_031050) Rat Untagged Clone
Tag: Tag Free
Symbol: Lum
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN215243 representing NM_031050
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAATGTATGTACGTTCACTCTTGTCTTGGCATTAGTCGGTAGTGTAGTGGCCAATACTATGATTATG
ATGCCCTCTCTCATGTATGGGAACTGTCACCCAACGTGCACCAGAATGTAAGTGTCCACAGCTA
CCCAACTGCCATGTACTGTGATGATCTCAAGTTGAAAAGTGTGCCCATGGTGCCCTGGCATCAAGTAC
CTTTACCTGAGGAATAACCAGATCGACCATATTGATGAAAAGGCCTTTGAGAATGTAACGGATCTGCACT
GGCTCATTCTTGACCACAATCTTCTAGAAAACCTCAAGATCAAAGGAAAAGTCTTCTCTAAGCTGAAACA
ACTGAAGAAGCTGCATATAAACTACAACAATTTGACCGAGTCCGTGGTCCGCTCCCAAAGTCCCTACAA
GACCTTCAGCTGGCCAATAATAAGATCAGCAAGCTGGGCTCCTTCGACGGGCTGGTAAACCTGACCTTCA
TTTACCTCAACACAACCAGCTCAAAGAGGAGGCTGTCTCGGCTTCTCTGAAAGGCCTTAAGTCACTCGA
ATACCTCGACTTGAGCTTCAATCAGATGAGCAAGCTGCCCGTGGCTTCCAACATCTCTTCAACTCTC
TACCTAGACAACAATAAGATCACCAACATTCCTGATGAGTATTTCAATCGCTTCACCGGGCTTCAACT
TGCCTTATCTCACAAATGAGCTGGCTGACAGTGGCGTGCCTGAAAACCTATTTAACATATCATCTCTGCT
CGAGCTCGATCTCTCCTACAATAAGCTCAAAGATATACCAACCGTTAATGAAAACCTTAAAACCTATTAC
CTGGAGGTCAATAAACTCGAAAAGTTTGTGTCAAGAGCTTCTGTAAAGTCTGGGACCACTATCTTACT
CCAAGTCAAGCATTTGCGCTTGGATGGCAATCCCTCACTCAAAGCAGTCTGCCCTGACATGTACGA
GTGTCTACGTGTAGCAAATGAAATCACGGTTAAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_031050
Insert Size: 1017 bp



OTI Disclaimer:	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).
Components:	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).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.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.
RefSeq:	NM_031050.1 , NP_112312.1
RefSeq Size:	1740 bp
RefSeq ORF:	1017 bp
Locus ID:	81682
UniProt ID:	P51886
Cytogenetics:	7q13
Gene Summary:	member of leucine-rich proteoglycan family; may play a role in immature and transient fibrosis of acute pancreatitis [RGD, Feb 2006]