

## Product datasheet for RN214678

### Lnpk (NM\_001077429) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Lnpk (NM_001077429) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lnpk
Synonyms:	Lnp
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN214678 representing NM_001077429 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGGTGGATTATTTCTCGATGGAGGGCAAACCTTCAACAGTAGAAGTTCTAGAAAATATAGATAAGG  
AAATTC AAGCATTGGAAGAATTTAGAGAAAAAATCAGAGATTGCAAAAATATGGGTTGGAAGATTAAT  
TATCTATTCTTCAATTCTTTATCTGTTTACATGTTAATTGTGTACTTGTGGTATCTTCCTGATGAATTT  
ATAGCAAGACTTGTGATGACTCCCATCTTTGCTTTTCCTTTGATCATCTGGACATTAAGAAGTGTGC  
TTATTTCTTCTTTTCCAAGAGAACAGAGAGAAAATAATGAAGCATTGGATGATTTAAAATCCCAGAAAGAA  
AAAGATACTTGAAGAAGTCATGGAAAAAGAACTTATAAGACAGCAAAATTAATCTTGAAGGTTTGAT  
CCAGACTCAAAGAAAGCAAAGGAGTTTGAAGCCGATCTGCTGGAGCAGCTGCAACTGCAAGCCAGGAC  
AAGAGATTCGTCAGCGAACTGCAGCTCAAAGAAACCTTTCCCGCAGCAGCAAACTCTAATCAGGGTCC  
TCCTCCACAAGTCCAGTATCTCCTGGGCCATCAAAGGACGCTTCAAGTCTCCTGGGGACCGCCAGAAAGG  
ACTGTTGCTCCAGCCTTACCCAGGCGCCTTGGATCCCCTGCTACTTCAGTTCTGGAATGGGCCTTCATC  
CTCCAGGCCACCTTTAGCAAGACCCGTTCTCCCCGAGAACGAGGTGCTCTGGATAGAATTGTTGAATA  
TTAGTTGGTGATGGCCACAGAACAGGTACGCCCTCATATGTCAGCAGTGTCTTCTCACAAATGGTATG  
GCTTTGAAGGAAGAATTTGAATATATTGCTTTTCGATGTGCCTACTGTTTTCTTGAATCCTGCAAGAA  
AAACGAGACCTCAAGCCCAAGGCTTCCAGAGTTAGTTTTGAGAAGAGGCAAGCAGTAGAAGGCTCAAG  
TTCAACTGGTCCCATGTTACTAGAAAGTGTGCCCTCACCAGAAAACAGCTCACTGAAGGAGGAACAATA  
CCTCAGATGTCTCATTTTCTATCTGAAATCTCCGGAATGAAGTCTAACTGGCTCAAAGTGAACCCAGTA  
AGACTCTTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001077429
<b>Insert Size:</b>	1131 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_001077429.1</a></u> , <u><a href="#">NP_001070897.1</a></u>
<b>RefSeq Size:</b>	1531 bp
<b>RefSeq ORF:</b>	1131 bp
<b>Locus ID:</b>	362151
<b>Cytogenetics:</b>	3q23