

Product datasheet for **MC202378**

Lnpk (NM_027133) Mouse Untagged Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Lnpk (NM_027133) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Lnpk |
| Synonyms: | 2310011O18Rik; 4921514L11Rik; 9530051D01Rik; A1666268; Lnp; Lnpk1; Ul; ulnaless |
| Mammalian Cell Selection: | Neomycin |
| Vector: | PCMV6-Kan/Neo (PCMV6KN) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



[View online »](#)

Fully Sequenced ORF: >BC057961 sequence for NM_027133
 GGCGACCCAGGCTTCCCCGAGTGGACGCGGGGCCGAGCGGCGCCGCTTTTCTCAGCTGTGACTTCTTT
 TGGACAACCTCATGATATTTATTATTGTGCCAAGTTTCTGCAAATAAAAAGATGGGTGGATTATTTTCTCGA
 TGGAGGGCAAAACCTTCAACAGTAGAAGTTCTAGAAAATATAGATAAGGAAATTC AAGCATTGGAAGAAT
 TTAGAGAAAAAATCAGAGATTGCAAAAATTATGGGTTGGAAGATTAATTATCTATTCTTCAATCTTTA
 CCTGTTTACCTGTTTAATTGTGACTTGTGGTATCTTCCTGATGAGTTTACAGCAAGACTGTGCATGACA
 CTCCCATTTTTGCTTTTCTTTTGATCATCTGGACATTAAGAAGTGTACTTATTTTTCTTCTTTTCCAAGA
 GAACAGAGAGAAAATAATGAAGCATTGGATGATTTAAAATCCCAGAAGAAAAGATCTTGAAGAAGTCAT
 GGAAAAAGAAACTTATAAGACAGCTAAGTTAATCTTGAAAGTTTGATCCAGACTCAAAGAAAAGCAAAG
 GAGTTTGAAGCCGATCTGCTGGAGCAGCTGTAAGTCAAAGCCAGGACAAGAGATTCGTGAGGAACTG
 CAGCTCAAAGAAACCTTTCCCCAGCACCAGCAAGCTCTAGTCAGGGTCTCCTCCACAAGGTCCAGTGTC
 TCCTGGGCCAGCGAAGGACGCTTCAAGTCTGCTGGGGACCAGCAGAAAAGAACTGTTGCTCCAGCCTTGCCC
 AGGCGCCTTGGATCCCCTGCTACTTCAGTTCCTGGAATGGGCCTTCAACCTCCAGGTCCACCTTTAGCAA
 GACCCATTCTCCCCGAGAACGAGGTGCTCTGGATAGAATTGTTGAATACTTAGTTGGTGTGTTCCACA
 GAACAGGTACGCCCTCATATGTCAGCAGTGTCTTCTCACAATGGCATGGCTTTGAAGGAAGAATTTGAA
 TATATTGCTTTTGCATGTGCCTACTGTTTTTTCTGAATCCTGCAAGAAAACGAGACCTCAAGCTCCAC
 GGCTTCCAGAGTTTAGTTTTGAGAAGAGGCAGGAGTGAAGGCTCAAGCTCAACTGGTCCCACGCTACT
 AGAAAAGTGTGCCCTCAGCAGAAAAGCCAGCTCATTGAAGACTCTTTAGAAGAAACAAGATGTTCTTGATAAT
 AGTACTGAGCAGAGAGATGACAAAATACCAGTTACAGAGCAGACAAGCCAAGTGATTGAAAAACATCTG
 GTCCAGAGGAGCCAGCAGAGAACCAAGAAGAGACTGAGAACGAGGAAACCTCAACAAACGAAGCCAAAGTC
 ACCTGTTCTCAGAGCTGATTCTGTTCTAATCTTGAACCAAGTGAAGAATCTTTGGTGACAAAGTAGTAA
 ATACTTCCATGTGCCTTCAACTGGATATTTGTAGTCTTGTGATGTTAGTTACTGCTTTTTTTTTTTTTT
 TGTGGTACTCAAGAAAAATTTGCCTTCTAGATATACGTTAATATTATTATTCATATTCAGATTGCCAGCAA
 GTTCAGTGTATCCAAGTACTACCACTAGGTATTGACAGTAAAAGCACGTGGTATCAGTTAATATGCAGAG
 GCATAGCTGTGCATTCTAAAGTTAAAAAATGTTTTTACATGTATAACTTGTAATAATACCCACTTTG
 ACATAGGAACAAATTTGGCTAGGAATAATTTCTCCATAGTATTTAAGGGTTGAAACATAATTAAGATTT
 TGAATACTTATCATTAAATTTTAACTTTGGAGATATTTGCCAGTGGGAAGGAAATATCTGTTTAGGTGT
 TTACACCAAGTAATGCTGAAAGCTGTAACCTTAATTACATACGCATTGGTACGAATTCCTCAGTAAGAATG
 CAACTAAACAGTCAAGTGCAGTATTTCTTTGATGTCTTTATTTTACAACCTGGGCCAAAGGCACATAAT
 GTATATAGTTAATGTTTACATAGTAATAGGAAATACATCTGCACTTGACTGTACTTGAATCTTGGTATT
 ATTTATTTTGAATATAATGATGATATATAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_027133

Insert Size: 1278 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:

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: [BC057961](#), [AAH57961](#)

RefSeq Size: 2087 bp

RefSeq ORF: 1278 bp

Locus ID: 69605

UniProt ID: [Q7TQ95](#)

Cytogenetics: 2 C3

Gene Summary: Endoplasmic reticulum (ER)-shaping membrane protein that plays a role in determining ER morphology. Involved in the stabilization of nascent three-way ER tubular junctions within the ER network. May also play a role as a curvature-stabilizing protein within three-way ER tubular junction network. May be involved in limb and central nervous system development (PubMed:12732147).[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) encodes the longer isoform (a). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.