

Product datasheet for MC201454

Lypd8 (NM_027339) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Lypd8 (NM_027339) Mouse Untagged Clone
Tag: Tag Free
Symbol: Lypd8
Synonyms: 2210415F13Rik
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC026828 sequence for NM_027339
 TTCCATCTTCTCCGGATAGTGTCCCTGGCTGGACCCAGAAGTTTGAGGCTCTGTGCCCCATCCTCTG
 GGAAGCCAACCTCCAGCATCATGAGAGGGCTTTCATCGCTGGTGTTCATTGCGGCATTCCGCATCACAGT
 TGTAGACTCCCTGAATTGTACACAGTGTACATACGTACAATAGCACCTGTGATGGCCAGGCCACTGAATGC
 AATGAGCAGTCCCTCAGTTGTGTGGAGTCTCTATCAACTCCACTCTAGGAGGGTTCCTGCATGTGTACC
 AGAACAAAGTTCTGCTCCGAATCGAATTGCACCAAGAACAGCACAGAGGTGGCCTTCACTGTCCATCTATT
 TGATGACCAAAGATACCATTTTGAAGCCAGTGTGCCAAGGAGAGTCTGCAATGCCACCCACTCTGAA
 TCCGGAACACAGAATGTAAGTACATGACATGACATGCTCTTGTATGGTCACAACAAAACACTCTGCGAGG
 AGAAACCCCAAAAGTGTACGAAGGAGAACAATGTGTCTTCATCATTGCGGAGATGGTAAATGGCTCTGG
 CAGAGTGGAGCTGAAGGGCTGTTCTGATATCAGCAACTCTACTTGTCAATTCCTGTCCCCTGGGAACACA
 ACAGTTGGAGAGTTTGTTCAGTTCGTTGAATGTACGCAACCCACTGAGTATACCAACTCGACCACCA
 CTATCCCACCAATCACCAACAGTTCCTCGCCTCTGTTACCCACAAATCACCAACACTTCCCTCACCTC
 TGTACCCGACCAGGCATCAAACTTCCCCCGCCTCTGTTACCCACAGGCTAGCATGGGCACCAAAGCT
 TCCTTCACCTCCTCTATCTTCGGCAGCCTTCTTCTTGAAGCTGCTGTTCTGAGGTTTCTGGGCTCTGC
 TCCATCCAGTATCCCATGGGTGTCAACACCTTTCTTTCATATACCTTCCAGTTAGACTGTCCAGTGGGT
 TGGAAAGTACAGGACTCCAGGCAATGCTAGCAGCCACAGTATCTCCTTTATTAAGTGTGCTTGGAGTC
 TAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_027339

Insert Size: 804 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).



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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:	<u>BC026828</u> , <u>AAH26828</u>
RefSeq Size:	1070 bp
RefSeq ORF:	804 bp
Locus ID:	70163
UniProt ID:	<u>Q9D7S0</u>
Cytogenetics:	11 B1.3
Gene Summary:	<p>This gene encodes a member of the Ly6/PLAUR family of cysteine-rich proteins that plays an important role in the protection of colonic epithelium from flagellated microbiota. The encoded protein undergoes proteolytic processing to generate a mature, glycosylphosphatidylinositol-anchored protein that is localized to the apical surface of the colonic epithelial cells. Mice lacking the encoded protein are sensitive to chemically induced intestinal inflammation. [provided by RefSeq, Aug 2016]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 - 3 encode the same isoform. Sequence Note: This RefSeq record was created from transcript and genomic sequence data because no single transcript from the same strain was available for the full length of the gene. The extent of this transcript is supported by transcript alignments.</p>