

Product datasheet for **RR215585**

Lypd3 (NM_021759) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Lypd3 (NM_021759) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Lypd3
Synonyms: C4.4a
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR215585 representing NM_021759
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGATGCTGCCAGGAGAGGAGATACACAGCCAGTGATGTGGACCACCAGATGGCTGCTGCTACCGC
TACTGCTGTGTGAAGGAGCGCAAGCCCTGGAGTGTACAGCTGCGTGCAAAGGGCGGATGATGGATGCTC
TCCGCACAAGATGAAGACAGTCAAATGTGGTCCCGGAGTGGACGTCTGTACCGAGGCCGTGGGGCGGTG
GAGAGCATCCACGGCAATTCTCTGTGGCAGTGCAGGGCTGCGGTTCCGGAATCCCGGGCAAGAAGACC
GCGGACTGGACCTTACGGGCTCCTGGCCTTATTTCAGCTACAGCAGTGCACCGAGGACCGATGCAACGC
CAAACCTCAACCTCACTTTGCGAGGCCTCAACCTGCAGGCAATGAGAGTGCATGAGCACAACGGCGCA
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CGTGTCTTACCTGTCCGAGGCTGCGTCCAGGACGAAGCCTGCACCCGGGATGGGGTGACGGTCCAGGA
TTCACACTCAGCGGTTCTGTGTCAAGGGCCCGCTGTAACCTGACCTTCGCAACAAGACCTATTCT
CCCTCGAATCCCACCCCTAGTCTGTGCCCTCAACCCAGCCCACTCCACTCGGACCCAGAA
CTCCTCCAGCACAACCTCTACAACAGTCCAACCCAGGCCACCACTACCATCAAGCCACCAAGTCCAA
GCCAGTCATACTTCTTCAACCCATGAAACAGAGCAGGATCATACAGGAAGAGGGGTCCGATTTGAGTG
GAGGTGTACGGGCCACCAAGACCCGAGCAATATGGGGAAGTTTCCAGAAAAAGTTGAGGCCAAATCCC
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ATGCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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Protein Sequence: >RR215585 representing NM_021759
 Red=Cloning site Green=Tags(s)

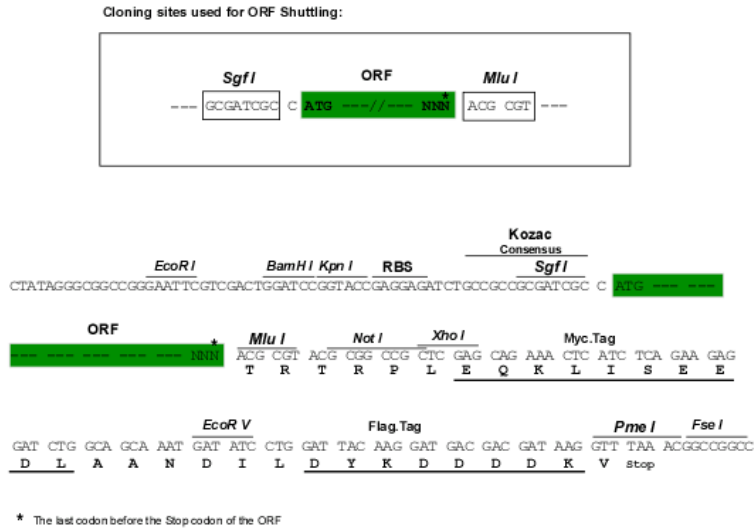
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 ECYSCMGLSREKCOGAMPPVVCYNASGRVYKGCDFGNVTLTAAVTVSLPVRGC VQDEACTRDGVTGPG
 FTLSGSCCQGPRCNSDLRNKTYFSPRIPLVLLPPPTTPAPSTRTQNSSSTTSTTAPTATTTIKPTTVQ
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 ML

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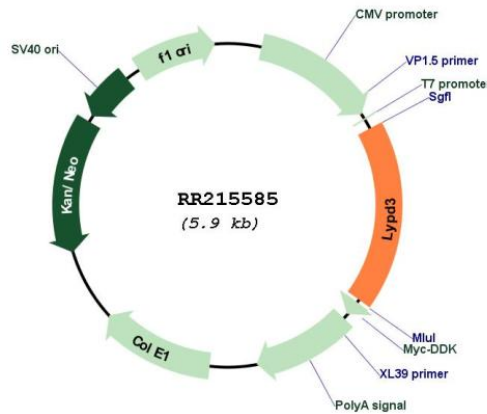
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_021759

ORF Size:	1056 bp
OTI Disclaimer:	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. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_021759.1 , NP_068527.1
RefSeq Size:	1637 bp
RefSeq ORF:	1059 bp
Locus ID:	60378
UniProt ID:	O55162
Cytogenetics:	1q21
MW:	37 kDa
Gene Summary:	GPI anchored protein; has a role in metastasis formation and matrix remodeling [RGD, Feb 2006]