

Product datasheet for **SC115006**

LYPD3 (NM_014400) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LYPD3 (NM_014400) Human Untagged Clone
Tag:	Tag Free
Symbol:	LYPD3
Synonyms:	C4.4A
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC115006 sequence for NM_014400 edited (data generated by NextGen Sequencing)

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ATGGACCCCGCCAGGAAAGCAGGTGCCAGGCCATGATCTGGACTGCAGGCTGGCTGCTG
CTGCTGCTGCTTCGCGGAGGAGCGCAGGCCCTGGAGTGCTACAGCTGCGTGCAGAAAGCA
GATGACGGATGCTCCCCGAACAAGATGAAGACAGTGAAGTGCGCGCCGGGCGTGGACGTC
TGCACCGAGGCCGTGGGGCGGTGGAGACCATCCACGGACAATTCTCGCTGGCAGTGC GG
GGTTGCGGTTTCGGGACTCCCCGGCAAGAATGACCGCGCCTGGATCTTCACGGGCTTCTG
GCGTTTCACTCAGCTGCAGCAATGCGCTCAGGATCGCTGCAACGCCAAGCTCAACCTACC
TCGCGGGCGCTCGACCCGGCAGGTAATGAGAGTGCATACCCGCCAACGGCGTGGAGTGC
TACAGCTGTGTGGCCTGAGCCGGGAGGCGTGCCAGGGTACATCGCCGCCGGTCTGTGAGC
TGCTACAACGCCAGCGATCATGTCTACAAGGGCTGCTTCGACGGCAACGTCACCTTGACG
GCAGCTAATGTGACTGTGTCTTGCCTGTCCGGGGCTGTGTCCAGGATGAATTCTGCACT
CGGGATGGAGTAACAGGCCAGGGTTACAGCTCAGTGGCTCCTGTGCCAGGGTCCC GC
TGTAACTCTGACCTCCGCAACAAGACCTACTTCTCCCCTCGAATCCCACCCCTTGTCCGG
CTGCCCTCCAGAGCCACGACTGTGGCTCAACCACATCTGTCAACCTTCTACCTCG
GCCCCAGTGAGACCCACATCCACCACCAAAACCATGCCAGCGCCAACAGTCAGACTCCG
AGACAGGGAGTAGAACACGAGGCCTCCCGGGATGAGGAGCCAGGTTGACTGGAGCGCC
GCTGGCCACCAGGACCGCAGCAATTCAGGGCAGTATCCTGCAAAAAGGGGGCCCCAGCAG
CCCCATAATAAAGGCTGTGTGGCTCCCACAGCTGGATTGGCAGCCCTTCTGTTGGCCGTG
GCTGCTGGTGTCTACTGTGA
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Clone variation with respect to NM_014400.2



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_014400 unedited
 AGCATTTTGTAAATACGACTCACTTATAGGGCGGCCGCAATTCGCACGAGGAGCAGGACG
 GAGCCATGGACCCCGCCAGGAAAGCAGGTGCCAGGCCATGATCTGGACTGCAGGCTGGC
 TGCTGCTGCTGCTGCTTCGCGGAGGAGCGCAGGCCCTGGAGTGTACAGCTGCGTGCAGA
 AAGCAGATGACGGATGCTCCCCGAACAAGATGAAGACAGTGAAGTGCAGCCCGGGCGTGG
 ACGTCTGCACCCGAGGCCGTGGGGCGGTGGAGACCATCCACGGACAATTCTCGCTGGCAG
 TGCGGGGTTGCGGTTTCGGGACTCCCCGGCAAGAATGACCAGCGCCTGGATCTTCACGGGC
 TTCTGGCGTTTCATCCAGCTGCAGCAATGCGCTCAGGATCGCTGCAACGCCAAGCTCAACC
 TCACCTCGCGGGCGCTCGACCCGCGCAGGTAATGAGAGTGCATACCCGCCAACCGCGTGG
 AGTGCTACAGCTGTGTGGGCTGAGCCGGGAGGCGTGCCAGGGTACATCGCCCGCGTGC
 TGAGCTGTACAACGCCAGCATATGTCTACAAGGGCTGCTTCGACGGCAACGTCACTT
 TGACGGCAGCTAATGTGACTGTGTCTTGCCTGTCCGGNGCTGTGTCCAGGATGAATTCT
 GCACTCGGGATGGAGTAACAGGCCAGGNTCACGCTCAGTGGCTCCTGTGCCAGGGGT
 CCCGCTGNTACTCTGACCTNCGCAACAGACCTTACTTCTCCCCTCNGATCCCACCCCTTG
 TCCGGCTGCCCTCCAGAGCCCAGACTGTGGCCTCACCACATCTGTACCACCTTCTAC
 CCTCGGCCAGTGAGACCCATCCACACCAACCATGCCANGCCAACCAGTCAGACTCGA
 GACGGGAGTAGACCCNAGCCTCCNNGGATGAGGAGCCAGTACTGGAGCGCCCTGC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_014400 unedited
 CAATTTAGNATCGAGTTTTTTTTTTTTTTTTTTTCAAAGTAATTAATCTTTATTGAGGCA
 TTTATGTGCCAGAACTGATCACACACAGACATAAGGCACGGTCCCTGCCCTCGAGGAGC
 TCACAGCTAGTAAGGAAGACATATGGGAACCGATTCCCCAAAGATGCGGGGAGTAGGG
 GAGGCAGTGCTTAAAGTGGGAGCCATTGTCCCACCCACCCACGCTCCAAAGTCCAGGC
 TGCTAGGAGAAAGTGAAGTAGGAAGCTTAGCATCTCTCTCACCTTCCCCGTGACAGC
 TGACTTCTCTCACTCTGTCTAATCACAAGAGGACAAGCGGAGAGACAAGGATGAGAA
 GGATACAGGAGCTGTCTCAAAAAGCTAGAACACCCCTGGCAGAAATATACAACGGTAT
 TTTATTTCCCAAAGCCGCAAAACAGCGCAGCAGAAAGCTGGGGATACTGGGGAATGTTGGA
 AAAACAGGGGCTGGGCCAGCCAGTCCAGTGGTGGGAACAGGAAGTGAAGAGAGGGG
 TACCCAGGGCCAGAGAAGTAGGTGAGAGGGAAAATCCAGGTGGAGAAGCTCACAGTAGG
 ACACCAGCAGCCACGGCAACAGAAGGGCTGCCAATCCAGTGTGGGAGCACACAGCCTT
 TATTATGGGGCTGCTGGGGCCCCCTTTTGCAGGATACTGCCCTGAATTGCTGCCNTCCC
 TGGTGGCCAGCGCGCCTCCAGTCAACCTGGGCTTCTCATCCNNGNAGGCCNTCGTGTCT
 ACTCCCTGTCTCGGAGTCTGACTGGTTGCCGCTGCCATGGGTTTGGTGGTGCATTGGGGN
 TCTCACTGGGGCCGAAGTAAAAATGTGACAAATGTGTTTGGAGCCCACTCCTGGGCTCT
 GAAAGGGGCACCCGACACGGGGTGGGATTTTCAGGGGAAAAATAGTTCTGCTGGGAGGC
 AAAAGTTAAGGGGCACCCCTGACACAGGAGCCATGACTGGACCCTGGGCCTTNTCTT

Restriction Sites:

NotI-NotI

ACCN:

NM_014400

Insert Size:

1700 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_014400.1 , NP_055215.1
RefSeq Size:	1698 bp
RefSeq ORF:	1041 bp
Locus ID:	27076
UniProt ID:	O95274
Cytogenetics:	19q13.31
Domains:	LU
Protein Families:	Druggable Genome
Gene Summary:	Supports cell migration. May be involved in urothelial cell-matrix interactions. May be involved in tumor progression.[UniProtKB/Swiss-Prot Function]