

Product datasheet for **SC124893**

LYPD6 (NM_194317) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LYPD6 (NM_194317) Human Untagged Clone
Tag:	Tag Free
Symbol:	LYPD6
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_194317, the custom clone sequence may differ by one or more nucleotides

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ATGGAACCTGGCCCTGCTCTGGCCTGGCTCCTGCTCCTGAGCCTGCTGGCGGATTGTCTGAAAGCTGCTC
AGTCCCGAGACTTCACAGTGAAGACATTATCTACCTCCATCCTTCAACCACACCATATCCTGGTGGATT
TAAATGTTTCACCTGTGAAAAGGCAGCAGACAATTATGAGTGCAACCGATGGGCTCCAGACATCTACTGC
CCTCGAGAGACCAGATACTGCTACACTCAGCACACAATGGAAGTCACAGGAAACAGTATCTCAGTCACCA
AACGCTGTGTCCCACTGGAAGAGTGCTTATCCACTGGCTGCAGAGACTCCGAGCATGAAGGCCACAAGGT
CTGCACCTTCTTGTGTGAAGGAAATATCTGTAACCTTGCCACTGCCCGAAATGAAACTGATGCCACATTT
GCCACGACGTCACCTATAAATCAGACAAATGGGCACCCACGCTGTATGTCAAGTATAGTGTCTGCTTGT
GGTTGTGGTTAGGGCTCATGTTATAG
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_194317 unedited GGCCGCGAAATTCGCACGAGGCCGCTCTCCCCGCTGCGCTCCCTCGCTCCTTCCCTGAG CTCCCGGGCTCCGGCAGCGCGCTGGCGGGGCGCCGATTGCACACTCTGGGGGCGCCGCA GTGTTTCGTGGGATGGGGCAGCGGGCTGCAGCTGGCGGCCGGAATCCGCGCGCAGCCCGG TGCAAGTTCTCTCTGTTGCCCTGAGTGCCCACTCCCAGGCCCTGTATGAGTGACACT TCAGTCTGCCATGGAACCTGGCCCTGCTCTGGCCTGGCTCCTGCTCCTGAGCCTGCTGGC GGATTGTCTGAAAGCTGCTCAGTCCCAGACTTCACAGTAAAAGACATTATCTACCTCCA TCCTTCAAAGACCAGATACTGCTACACTCAGCACACAATGGAAGTCACAGGAAACAGTAT CTCAGTACCAAACGCTGTGTCCCACTGGAAGAGTGCTTATCCACTGGCTGCAGAGACTC CGAGCATGAAGGCCACAAGGTCTGGGCAACAGAGCAAGTGACCAGTACTACATAGCCAGC TGCCTTCTTTCAGACATCTGCCAGTACTCATGAGCAGATTCTTACTCCCCCGTGAAGGC TGTCTTTTGATTGCTTTATGCTCTGTGAAAAGACGCTTCTTTCTGTTTNACTCTAAA GAATACACATTTATACCAGAGCATANGACAAGTATATAAATTGTGTAACACACATGAA GAAGGGTGTTCAGTGTTATTGGAATAACTTTCTTCACTCAGAGGAAAGTATTAAGCTTC CAGAAAAAAGAGGGAGCAGAGACCAGTTATGTCCATCACAGTGAAGCTTTCAGATGTAC CCAGTTCATTCACAGGAGGGACCGACGAATTCAGCTNTGATAACTTCTGTAAGT AGGCT
Restriction Sites:	NotI-NotI
ACCN:	NM_194317
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_194317.2 , NP_919298.1
RefSeq Size:	3501 bp
RefSeq ORF:	516 bp
Locus ID:	130574
UniProt ID:	Q86Y78
Cytogenetics:	2q23.2
Protein Families:	Secreted Protein

Gene Summary:

Members of the LY6 protein family (see SLURP1; MIM 606119), such as LYPD6, have at least one 80-amino acid LU domain that contains 10 conserved cysteines with a defined disulfide-bonding pattern (Zhang et al., 2010 [PubMed 19653121]).[supplied by OMIM, Apr 2010]

Transcript Variant: This variant (2) uses a different segment for its 5' UTR, compared to variant 1. Variants 1 and 2 encode the same protein.