

## Product datasheet for **SC126286**

### LY6D (NM\_003695) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	LY6D (NM_003695) Human Untagged Clone
Tag:	Tag Free
Symbol:	LY6D
Synonyms:	E48; Ly-6D
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM\_003695 edited  
 GCCCACCCCGCCAGCCCGTGCCTATAAGGCCTTGGCAATGCAGGGGCCCGCACTGCTC  
 CCAGACGACATCAGAGATGAGGACAGCATTGCTGCTCCTTGAACCCCTGGCTGTGGCTAC  
 AGGGCCAGCCCTTACCCTGCGCTGCCACGTGTGCACCAGCTCCAGCAACTGCAAGCATT  
 TGTGGTCTGCCCGCCAGCTCTCGCTTCTGCAAGACCACGAACACAGTGGAGCCTCTGAG  
 GGGGAATCTGGTGAAGAAGGACTGTGCGGAGTCGTGCACACCCAGCTACACCCTGCAAGG  
 CCAGGTCAGCAGCGCCACCAGCTCCACCCAGTGTGCCAGGAGGACCTGTGCAATGAGAA  
 GCTGCACAACGCTGCACCCACCCGACCCGCTCGCCACAGTGCCTCAGCCTGGGGCT  
 GGCCCTGAGCCTCCTGGCCGTCTCTTAGCCCCAGCCTGTGACCTTCCCCCAGGGAAG  
 GCCCTCATGCCTTCTCCCTTCTCTGGGGATTCCACACCTCTTCCCCAGCCGCA  
 ACGGGGTGCCAGGAGCCCAGGCTGAGGGCTTCCCCGAAAGTCTGGGACCAGGTCCAGG  
 TGGGCATGGAATGCTGATGACTTGGAGCAGGCCCCACAGACCCACAGAGGATGAAGCCA  
 CCCCACAGAGGATGCAGCCCCAGCTGCATGGAAGGTGGAGGACAGAAGCCCTGTGGATC  
 CCCGGATTCACACTCCTTCTGTTTTGTTGCCGTTATTTTTGTACTCAAATCTCTACAT  
 GGAGATAAATGATTTAAACCAAAAAAAAAAAAAAAAAAAAAAAAAA



[View online »](#)

<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_003695 unedited GTTCACGATTTTGAATACGACTCACTATAGGCGGCGCGAATTCGCACGAGGGCCCAC CCCC GCCAGCCCGTGCCTATAAGGGCTTGGCAATGCAGGGGCCCCACTGCTCCAGAC GACATCAGAGATGAGGACAGCATTGCTGCTCCTTGCAACCCTGGCTGTGGCTACAGGGCC AGCCCTTACCCTGCGCTGCCACGTGTGCACCAGCTCCAGCAACTGCAAGCATTCTGTGGT CTGCGCGCCAGCTCTCGCTTCTGCAAGACCACGAACACAGTGGAGCCTCTGAGGGGGAA TCTGGTGAAGAAGGACTGTGCGGAGTCGTGCACACCCAGCTACACCCTGCAAGGCCAGGT CAGCAGCGGCACCAGCTCCACCCAGTGCTGCCAGGAGGACCTGTGCAATGAGAAGCTGCA CAACGCTGCACCCACCCGACCCCTCGCCACAGTGCCTCAGCCTGGGGCTGGCCCT GAGCCTCTGGCCGTATCTTAGCCCCAGCCTGTGACCTTCCCCCAGGAAGGCGCCTC ATGCCCTTCTCCCTTCTCTGGGATTCCACACCTCTTCCCCAGCCGCACGGGGT GGCAGGAGCCCCAGGCTGAGGCTTCCCCGAAGTCTGGGACCANGTCCAGGTGGGCATG GGATGCTGATGACTGGGAGCAGGCCCCACAGACCCACAGAGGATGGAAGCCCCCCCCA GAGGATGAACCCCCANCTGCATGGGAGGGGGAGGACANAAGCCCTGGGGATCCCCC GGATTTACACCTCCTTCTGTGTTTGGTGGCCGTAATTTTTGGGACCCCAATCTTTAC CTGGGGGATAAATGGATTAACCCCAAAAAAAAAAAAAAAAAAGAAAAAAAAACCCGCTTTAT ATTGGGGCGCCGGCCTAATCTGTTCCCTGAAACATATCCGGGGGGGTCCCTGTGGAC CCTTC
<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_003695
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">NM_003695.2</a> , <a href="#">NP_003686.1</a>
<b>RefSeq Size:</b>	806 bp
<b>RefSeq ORF:</b>	387 bp
<b>Locus ID:</b>	8581
<b>UniProt ID:</b>	<a href="#">Q14210</a>
<b>Cytogenetics:</b>	8q24.3
<b>Protein Families:</b>	Transmembrane

**Gene Summary:**

May act as a specification marker at earliest stage specification of lymphocytes between B- and T-cell development. Marks the earliest stage of B-cell specification.[UniProtKB/Swiss-Prot Function]