

## Product datasheet for **SC320652**

### DGCR6L (NM\_033257) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** DGCR6L (NM\_033257) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** DGCR6L  
**Synonyms:** DGCR6  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC (PS100020)  
**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_033257.2  
 GTGAAGCTGGGGGAGCTCGTCGCCGCCGCGGGCTAGCGGGCTCCGCGCCATGGAGC  
 GCTACGCGGCCCTTGGAGGAGGTGGCGGACGGTGCCCGCAGCAGGAGCGACTACC  
 AGTTGCTGTCGGCGCTACAGAGCCTGGTGAAGGAGTTGCCAGCTCTTCCAGCAGCGCC  
 TGTCTACACCACGCTCAGCGACCTGGCCCTGGCGCTTCTCGACGGCACCGTGTTGAAA  
 TCGTGCAGGGGCTACTGGAGATCCAGCACCTCACCGAAAAGAGCCTGTACAACCAGCGCC  
 TGCCTACAGAACGAGCACCGAGTGCTCAGGCAGGCGCTGCGGCAGAAGCACCAGGAAG  
 CCCAGCAGGCCTGCCGGCCCCAACCTGCCTGTGGTTTCAGGCGGCTCAGCAGCGAGAAC  
 TAGAGGCCGTGGAACACCGGATCCGTGAGGAGCAGCGGGCGATGGACCAGAAGATCATCC  
 TGGAGCTGGACCGAAGGTGGCTGACCAGCAGAGCACACTGGAGAAGGCGGGGTGGCTG  
 GCTTCTACGTGACCACCAACCCACAGGAGCTGATGCTGCAGATGAACCTGCTGGAACCTCA  
 TCCGAAAGCTGCAGCAGAGGGGCTGCCGGCAGGGAATGCAGCCCTGGGACTGGGAGGTC  
 CCTGGCAGTGCCTGCTGCCAGTGTGACCAGAAAAGGCAGCCCTGTCCCACCATAGCCAC  
 AGGCAGCAGAAGTCTGGGAGAGTTCATCTTCTTACCTTTGGCCACTGCCTTCCCAGCT  
 GCCCGCAGGGGTTCCCCCTGCTGAGGAGAGACCAGGTGGACCCAGCTGCCTGTCAACC  
 TTCATCTGGGACTTGCTGTCAAACCTAGGATAGTCTCATAAAGGGGAGGCTGGGCCAGC  
 CTGCTGCTGTCTGCTTCCAGGACCAGGCAGAGAGTGGGCTGGGGTCTCACACCTTACT  
 CCACCGGGCACATCCCAACCTGCACTGGGGCCACCCGAGCGCTTGTCTGGTCTCAGCC  
 GCTCCCTTGGCAGCTGCAGCCCCATGCAGAAGAGGCTCCAGGCCCAAGCTCTGTGTGA  
 CCCAGAGAAATAAAGATGCCTCAGTGTGGCCCCAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_033257



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<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>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<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_033257.2</a> , <a href="#">NP_150282.1</a>
<b>RefSeq Size:</b>	1182 bp
<b>RefSeq ORF:</b>	663 bp
<b>Locus ID:</b>	85359
<b>UniProt ID:</b>	<a href="#">Q9BY27</a>
<b>Cytogenetics:</b>	22q11.21
<b>Protein Families:</b>	Druggable Genome, Transcription Factors
<b>Gene Summary:</b>	This gene, the result of a duplication at this locus, is one of two functional genes encoding nearly identical proteins that have similar expression patterns. The product of this gene is a protein that shares homology with the Drosophila gonadal protein, expressed in gonadal tissues and germ cells, and with the human laminin gamma-1 chain that functions in cell attachment and migration. This gene is located in a region of chromosome 22 implicated in the DiGeorge syndrome, one facet of a broader collection of anomalies referred to as the CATCH 22 syndrome. [provided by RefSeq, Jul 2008]