

Product datasheet for **SC303114**

GML (NM_002066) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GML (NM_002066) Human Untagged Clone
Tag:	Tag Free
Symbol:	GML
Synonyms:	LY6DL
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_002066 edited AGGCTCCTGCGTGAAGTGATGCTCCTCTTTGCCTTACTCCTAGCCATGGAGCTCCCATTG GTGGCAGCCAGTGCCACCATGCGCGCTCAGTGGACTTACAGTTTGAGATGCCATGACTGT GCGGTCATAAATGACTTCAACTGTCCCAACATTAGAGTATGTCCGTATCATATTAGGCGC TGTATGACAATCTCCATTTCGCATAAATTCTCGTGAACACTTGTATTATAAGAACTGTACA AACAACTGCACATTTGTATATGCAGCTGAACAGCCTCCTGAAGCCCCAGGAAAAATCTTC AAAATAATAGCTTCTACTGGGTTTGTGTTGTAATAGCATGGTTTGCAATGCAGGAGGA CCTACTAATCTTGAAAGGGACATGTTACCCGATGAAGTAACTGAGGAGGAGCTTCCAGAA GGAACTGTGAGGCTGGGGTATCAAACTGTTGCTGAGTTTTGCCTCTATCATAGTCAGC AATATATTGCCATGAGGACCCACCTTGGAGGGTCTGACCATCTTCACCTGTTCCGCAGA GAAAT



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_002066 unedited NGGTTTCAGGTCAAAATTGTATACGACTCATATAGGCGGCCGCGNAATCGCCCTTAGGCTC CTGCGTGAAGTGATGCTCCTCTTGCCTTACTCCTAGCCTGGAGCTCCCATTGGTGGCAG CCAGTGCCACCATGCGCGCTCAGTGGACTTACAGTTTGAGATGCCATGACTGTGCGGTCA TAAATGACTTCAACTGTCCCAACATTAGAGTATGTCCGTATCATATTAGGCGCTGTATGA CAATCTCCATTCGCATAAATTCTCGTGAAGTACTTGTATAAGAAGTGTACAAAACAACT GCACATTTGTATATGCAGCTGAACAGCCTCCTGAAGCCCCAGGAAAAATCTTCAAAACTA ATAGCTTCTACTGGGTTTGTGTTGTAATAGCATGGTTTGCAATGCAGGAGGACCTACTA ATCTTGAAAGGGACATGTTACCCGATGAAGTAACTGAGGAGGAGCTTCCAGAAGGAACTG TGAGGCTGGGGTATCAAACTGTTGCTGAGTTTTGCCTCTATCATAGTCAGCAATATAT TGCCATGAGGACCCACCTTGGAGGGTCTGACCATCTTACCTGTTCCGCAGAGAAATAA GGGCGAATTCAGATCTGGTACCGATATCAAGCTTGTGACTCTAGATTGCGGCCGCGGTC ATAGCTGTTTCTGAACAGATCCCGGGTGGCATCCCTGTGACCCCTCCCCAGTGCCTCTC CTGGCCCTGGAAGTTGCCACTCCAGTGCCACCAGCCTTGTCTAATAAAATTAAGTTGC ATCATTTTGTCTGACTAGGTGCTCTTCTATATATTATGGNGTGGAGGGGGTGGGTATTG GGAGCAGGGGCAAGTTTGGGAAGAACAACCTGTAGGGCTGCGGGTCTAT
Restriction Sites:	Please inquire
ACCN:	NM_002066
Insert Size:	900 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).
OTI Annotation:	The open reading frame of this TrueClone was fully sequenced and found to be a perfect match to the protein associated to this reference.
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:	<u>NM_002066.1</u> , <u>NP_002057.1</u>
RefSeq Size:	722 bp
RefSeq ORF:	477 bp
Locus ID:	2765
UniProt ID:	<u>Q99445</u>
Cytogenetics:	8q24.3
Protein Families:	Druggable Genome

Gene Summary: May play a role in the apoptotic pathway or cell-cycle regulation induced by p53/TP53 after DNA damage.[UniProtKB/Swiss-Prot Function]