

Product datasheet for **SC317050**

ZGLP1 (NM_001103167) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZGLP1 (NM_001103167) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZGLP1
Synonyms:	GATAD3; GLP-1; GLP1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:	>OriGene sequence for NM_001103167 edited <pre> GGTGGGTTTCATCGGGTGGGCCAGCGGGACAGGGCCGGGTGAAATTAGGGAGGGGGCTG GGCTGGGGCGCAATGGAGGCCGAGCCAATCCCGGACTCCTCAATGCCAGCAAAGCTTCTG GCGCCGCCCTGTCTGAACCTGGAGCGGCTGGGAGGATCCCCCTCCAGGAGAAGCCGAGG ACCCAGGATGCTGCAGAATCAGTGAGAGGTGCGTAAGGCCAAACCCATTCCCCGAGC CCGCTAGCACTTACCACCTGGCTCAGTGATCAAGGGGTGATGACCTCTCTTTGCTGGGG TTATCGAGAAGTGGAATTTTATAATAGTTACTGAACTTACAAAGAGGTTCTGGTGCC AGAGACACTTGGGGTCACTAGGGATCAGAGGCCATGCAATTCCATGTCTCTGGGGCTGA TGTAGGCACTCCCGAGGATCATCCAGGGTTATGGAGGGCAACTCAATAATAATGAAAA TGATAAAATCGTAATCATATTATGGCAAGCCAGCGGCGTGGTGCGCGTGCCTGTAAGT CCCAGCTACTCGGGAGGCTGAGGCGGAAGGATCGGTGAGCCAGGAGTTCTAGGCTGCA CTGAGTCTGATCAGCCCCCTGCACTCCAGGCGGGGTACAGAGTGAGGCTCGGTCTCTA AAAGAAACACAAAGAAAAAAGTAACCTTTTTCTCGATCTGCAGCCAGAGGCTTGATAT CCTGCCTCGGTACCTAGGGCGGTCCCTGCCTGGGTGATCTACGGGTGCCGTAAGGGGT GATTGATGTGGAGGGCTGGGCGTCCCTGGGAGGCCACAGTGGGCGAGGTGAGTTGCAAT TACTGCAACTCTTAAACCTTCCACCCAGAGTTAGAAATGACTGAACCTCAGGTGGGGTGT GTAGCCTGTCCAAGGTTACACAAAGAGCCGGCCCAAGTTGGAACCCCTGGCCGGCTAAA CCCAGGAGTACCCAAGAAAACGTGACCCCACTGCCCTTCTCCCGAGTCCCTCTGGCCT GCATGCCAGGAGTCGGTCACCGCCCTGTGCTTCTCCAAGAGACAGTGGAGAGGCTGGGT CAGTCCCTGCCAGGACACCCCGGTCTGGGGCCTTGTGGGACCCGATGGCTCTGGGG ACTCAGGGCCGCTGTGCTGGACAGGGATTCCAAGGACACACAGACCAGGATCAGCCAA AAGGGCCGCGTCTGCAGCCCCCGGGGACTCCCTCGGCCCCACCCAGAGAAGGCCCGG AAACAGTGAACCCCTGCCGGGGCACCGAGAGAGTGGACCCTGGGTTTCGAGGGGGTGACT CTGAAGTTTCAGATAAAGCCGGACTCCAGCCTGCAGATCATCCACGTACAGCCTGCC TGCAGTAGCCGTTCTCAGGAATCCCTGCAGATGCTGTTGGGGGCCCTGCAGCCACCCA GGAGGCACCGAGGCCACTCAGCAGGCAGCGAGGCCCTGGAGCCCCGGCGCTGTGCTTCC TGTCGGACCCAGAGGACCCCGCTCTGGAGAGACGCTGAAGATGGGACCCCTCTCTGCAAC GCCTGTGGGATCAGGTACAAGAAATACGGCACTCGCTGCTCCAGTGCTGGCTGGTGCC AGGAAAAATGTCCAGCCCAAGAGGCTATGTGGCAGATGTGGAGTGTCCCTGGACCCATT CAGGAAGGTAAACCCAGCTTACCCTGCTGAGCTGCTGCTTCTGCCTCCGTTTACCAG TGGGAGAAATGGGCAGAAGCAGCTCTCCTAGGAGGATTGGGAAGGAGCCGCGCTGCCTCC TCTCTGCCATCTCAGATTCAAGGATCCCGGGGAAGACCCAGGCCTCAGGTGGCAGAGC CTGCTAGGGGTACACAGCCCCTTCTCCAGTCAGCCTTGGCCGAGGCCCCCTCAGGAGAGC CTCTCAGGAAGGATGAGCATTGTTACAGCAGGGACAATAAAGTACAGAGATATGCCGAAA AAAAAAAAAAAAAAAAAAAA </pre>
Restriction Sites:	Please inquire
ACCN:	NM_001103167
Insert Size:	2100 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:	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.
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:	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_001103167.1</u> , <u>NP_001096637.1</u>
RefSeq Size:	1997 bp
RefSeq ORF:	816 bp
Locus ID:	100125288
UniProt ID:	<u>P0C6A0</u>
Cytogenetics:	19p13.2
Gene Summary:	Transcriptional repressor that plays a central role in somatic cells of the gonad and is required for germ cell development. Able to repress GATA transcription factor function (By similarity).[UniProtKB/Swiss-Prot Function]