

Product datasheet for **SC327839**

LGICZ1 (ZACN) (NM_180990) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LGICZ1 (ZACN) (NM_180990) Human Untagged Clone
Tag:	Tag Free
Symbol:	LGICZ1
Synonyms:	L2; LGICZ; LGICZ1; ZAC; ZAC1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_180990 edited AGGCACCGCTGCTCCCTCCAGTCCCTCCGTGCAGCCGATGATGGCCCTATGGTCCCTGCT CCATCTCACCTTCTGGGGTTCAGCATTACCTTGCTGTTGGTCCACGGGCAGGGCTTCCA AGGGACAGCAGCCATCTGGCCATCCCTCTCAAGTCAACTTGTCCAAGAAGTTTCAAGGA AAGCATCCAGATCCCGAACAATGGGAGTGCGCCCTGCTCGTGGATGTGCGGGTGTGGT CTCCAACGTGTTAATGTGGACATCCTGCGATACACAATGTCCTCCATGCTGCTGCTTAG GCTGTCTGGCTGGACTCGCCTGGCCTGGAACACTAGTGCACACCCGCGGCACGCCAT CACGCTGCCCTGGGAGTCTCTCTGGACACCAAGGCTCACCATCCTGGAGGCGCTCTGGGT GGACTGGAGGGACCAGAGCCCCAGGCTCGAGTAGACCAGGACGGCCACGTGAAGCTCAA CCTGGCCCTCACCACGGAGACCAACTGCAACTTTGAGCTCCTCCACTTCCCCGGGACCA CAGCAACTGCAGCCTCAGCTTCTACGCTCTCAGCAACACGGCGATGGAGTTAGAGTTCCA GGCCACGTGGTGAACGAGATTGTGAGTGTCAAGAGGGAATACGTAGTTTATGATCTGAA GACCCAAGTCCCACCCAGCAGCTGGTGCCTGCTTCCAGGTGACGCTGAGGCTGAAGAA CACGGCGCTCAAGTCCATCATCGCTCTCTTGGTGCCTGCAGAGGCACTGCTGTTGGCTGA CGTGTGCGGGGGTGTGCTGCCCTCCGGGCCATTGAGCGCATAGGCTACAAGGTGACATT GCTGCTGAGTTACCTCGTCTCCACTCCTCCCTGGTGCAGGCCCTGCCAGCTCCTCCTC CTGCAACCCACTGCTCATTACTACTTACCATCCTGCTGCTGCTGCTCTTCTCAGCAC CATAGAGACTGTGCTGCTGGCTGGGCTGCTGGCCCGGGCAACCTTGGGGCCAAGAGCGG CCCCAGCCAGCCCCGAGAGGGGAACAGCGAGAGCACGGCAACCCAGGGCCTCATCTGC TGAAGAGCCCTCCAGAGGAGTAAAGGGGTACAGAGAAGCTGGCCTGAGACTGCTGACCC CATCTTCTTCTCGTGTATGTGGTTGGGGTGTGTGCACCCAATTCGTCTTTGCAGGAAT CTGGATGTGGGACGCTGCAAGTCTGACGCAGCCCTGGAGAGGCTGCACCCATGGCAG GCGGCCTAGACTGTAAAGGGGCAGGGCCT
Restriction Sites:	Please inquire
ACCN:	NM_180990



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Insert Size:	1473 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:	<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_180990.3 , NP_851321.2
RefSeq Size:	1473 bp
RefSeq ORF:	1473 bp
Locus ID:	353174
UniProt ID:	Q401N2
Cytogenetics:	17q25.1
Protein Families:	Druggable Genome, Ion Channels: Other, Transmembrane
Gene Summary:	LGICZ1 is a zinc-activated ligand-gated ion channel that defines a new subgroup of the cysteine-loop superfamily of ligand-gated ion channels (Davies et al., 2003 [PubMed 12381728]).[supplied by OMIM, Mar 2008]