

## Product datasheet for **SC306307**

### GLIS1 (NM\_147193) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	GLIS1 (NM_147193) Human Untagged Clone
Tag:	Tag Free
Symbol:	GLIS1
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_147193 edited  
 ATGGCAGAGGCCCGCACATCCCTGTCTGCCACTGTCTGGGGCCCGCTGGCCACTGGCCTG  
 CACCCAGACCTGGACCTCCCGGGCCGAAGCCTCGCCACCCTGCGCCTTCTGCTACCTT  
 CTGGGCAGCGAACCCAGCTCTGGCCTGGGCTCCAGCCGAGACCCACCTCCCGAGGGC  
 AGCCTGAAGCGGTGCTGCGTCTTGGGCCTACCCCCACCTCCCGAGCCTCCTCTACCC  
 GTGCTCCTCCGACGTACCTCCATCATCCGCTCCTCCAGACGTCTCTGGTCACCTGT  
 GTAAATGGACTCCGGAGCCCCCTCTGACGGGAGATCTGGGGGGCCCTTCCAAGCGGGC  
 CGGCTGGCCCTGCATCGACGGACAGCCATGAGGGCAGCTTGCAACTTGAAGCCTGCCGG  
 AAGCGAGCTTCTGAAGCAGGAACCCGCGGATGAGTTTTAGAGCTCTTTGGGCCTCAC  
 CAGCAGGGCCTGCCGCCCCCTATCCCCTGTCTCAGTTGCCGCCTGGCCAAAGCCTTGA  
 GGCCTGGGGCTGGCCTGGCAGGCAGGGTGGTGGCCGGGCGCAGGCGTCCGCTGGGTG  
 GACTGCTGTGCAGCCTATGAGCAGCAGGAGGAGCTGGTGGCCACATCGAGAAGAGCCAC  
 ATCGACCAGCGCAAGGGCGAGGACTTACCTGCTTCTGGGCTGGTGGTGGCCGCTAC  
 AAGCCCTCAACGCCCGTACAAGCTGCTCATCCACATGCGAGTGCCTCGGGCGAGAAG  
 CCCAACAAAGTGCATGTTTGAAGGCTGCAGCAAGCCTTCTCACGGCTGGAGAACCCTAAG  
 ATCCACCTGAGGAGCCACACGGGCGAGAAGCCGTACCTGTGCCAGCACCCGGTTGCCAG  
 AAGGCCTTCAGCAACTCCAGCGACCCGCGCAAGCACCAGCGCACCCACCTAGACACGAAG  
 CCGTACGCCTGTGAGATCCCTGGCTGCTCCAAGCGCTACACAGACCCAGCTCCCTCCGC  
 AAGCAGTCAAGGCCATTTCAGCCAAAGAGCAGCAGGTGCGTAAGAAGCTGCATGCGGGC  
 CCTGACACCGAGGCCGACGTCTGACCGAGTGTCTGGTCTGCAGCAGCTCCACACGTCC  
 ACACAGCTGGCTGCCAGCGACGGCAAGGGTGGCTGTGGCCTGGGCCAGGAGCTGCTCCA  
 GGTGTGTATCCTGGTCCATCACCCCCATAACGGACTTGCATCGGGCCTCCTGCCCCCA  
 GCGCAGCAGTACCTTCCAGGCACCCCGCTGGATGCCACCACAGTTCACCCACCCTA  
 CTGTCCCCTCTGCCATGGCTGAGAGCACCCGGATGGTTGGGGCCCGGCTCCTCTCA  
 CCAATAGTCAGCCCCCTGAAGGGCTGGGGCCACCCCGCTGCCCCATCCTCTCAGAGC  
 CATTCTCCGGGGGCCAGCCCTTCCCCACACTCCCAGCAAGCCGTCTACCCACCCTTC  
 CAGAGCCCTCCACCCCGCCTCTGCCAGCCACAAGGTTACCAGGGCAGTTTCCACTCC  
 ATCCAGAGTTGCTTCCCCTATGGCGACTGCTACCGGATGGCTGAACCAGCAGCCGGTGGG  
 GACGGACTGGTCGGGGAGACCCACGGTTTCAACCCCTGCGGCCCAATGGCTACCACAGC  
 CTCAGCACGCCCTTGCTGCCACAGGCTATGAGGCCCTGGCTGAGGCCTCATGCCCCACA  
 GCGCTGCCACAGCAGCCATCTGAAGATGTGGTGTCCAGCGCCCCGAGGACTGTGGCTTC  
 TTCCCAATGGAGCCTTTGACCACTGCCTGGGCCACATCCCTCCATCTACACAGACACC  
 TGA

**Restriction Sites:** Please inquire

**ACCN:** NM\_147193

**Insert Size:** 1900 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:** [NM\\_147193.1](#), [NP\\_671726.1](#)

**RefSeq Size:** 2815 bp

**RefSeq ORF:** 1863 bp

**Locus ID:** 148979

**UniProt ID:** [Q8NBF1](#)

**Cytogenetics:** 1p32.3

**Gene Summary:** GLIS1 is a GLI (MIM 165220)-related Kruppel-like zinc finger protein that functions as an activator and repressor of transcription (Kim et al., 2002 [PubMed 12042312]).[supplied by OMIM, Mar 2008]