

Product datasheet for **SC217310**

GLI2 (NM_005270) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	GLI2 (NM_005270) Human 3' UTR Clone
Symbol:	GLI2
Synonyms:	CJS; HPE9; PHS2; THP1; THP2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_005270
Insert Size:	2000 bp



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Insert Sequence: >SC217310 3'UTR clone of NM_005270
 The sequence shown below is from the reference sequence of NM_005270. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
GAGAGCAAGTTCCTGAACATGATGACCTAGAGGCCCGAGCGCCTGGTGTGAGTGCACCCGAGGGGTC
ATCGCTGCCAGAGCCTGGGATTCCAGCTGTCTTGTCTTTTTCCAAAAAGTGTAAATAGGCTTGAG
GGTGTGTGCGCAATGGCCGCTTCAGATGACAGATGTTGTAAGAGAAGGTTTATGGGCATCCTCTGAG
TCTTTTGGATTATCCTCAGAACAATGAAAAAGTCTCCATAGGACAGGAAGGAATGAAAACTCATTT
ACACAGTGCTTTCCAGCCTTTGGTGCTTACAGGACCGCGCTGTTCCGGCTTCTTCACGGCTGACATTG
GCTAACGAGGGATTACTTTGGCCAAAACCTTTCAAAGGATATGCAGAAAGATGGTAGGGAGCATTGGG
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GAAAAGGAATTCCTGGTCCACCTGAATTCCTCTATGAAGCCTAACTCTTGAGGTCTTAACATACCTTG
TCATAGAGGAAAAGCACAGATTATACCTGGATGATTACAGGAGCACATTCTGATTCCAGGTTTGGTAGAG
CTGGCTCTTCTACTCCGTAAGCCGAGTCTGGGACTGGCAGCCATCCAAGTGTATATGAATGAATAAA
GCATCCAAGTATATGAATGAATAAAGTATGTAAGTATCACCAGAAAAAGGAAAGAAAAATGACTC
CTTGGGGCAAGCCGAGAAGCTGCCCTGGCTCTCCAGACCGTGTTCACAGTGTTCATGTAAGAATGTA
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TCGTTGAATTTTCTGTTGAGTGTGACCAAGACCCACCTGGAATGGAATTTGGAAGTGGCTTCAGGAG
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AGGTGAGTCGTCCAGCCAAATTTATATCTCCAAAACATTTTTAGCTTTTTCTACATGCTATGAATTGAG
ATGACATGCTCAACTGTAAATAAGTCTTTTTGTACATTAATAAAGTAATTTTTTCATAATTTATCTTG
TCTATCTGCTTCCCCTTGACAGTAGTTAATGAGAACCTGGGCAGTAAATTTGGTGCATTGAGCAGAA
ATTAGGCTGTATTTTTCTTAACAGTGTCAAATTGACTATCCCCTTTGCCAAGAAATGTTTAAATG
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_005270.5](#)

Summary: This gene encodes a protein which belongs to the C2H2-type zinc finger protein subclass of the Gli family. Members of this subclass are characterized as transcription factors which bind DNA through zinc finger motifs. These motifs contain conserved H-C links. Gli family zinc finger proteins are mediators of Sonic hedgehog (Shh) signaling and they are implicated as potent oncogenes in the embryonal carcinoma cell. The protein encoded by this gene localizes to the cytoplasm and activates patched Drosophila homolog (PTCH) gene expression. It is also thought to play a role during embryogenesis. The encoded protein is associated with several phenotypes- Greig cephalopolysyndactyly syndrome, Pallister-Hall syndrome, preaxial polydactyly type IV, postaxial polydactyly types A1 and B. [provided by RefSeq, Jul 2008]

Locus ID: 2736

MW: 74.8