

Product datasheet for **SC200825**

GIYD2 (SLX1B) (NM_178044) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	GIYD2 (SLX1B) (NM_178044) Human 3' UTR Clone
Symbol:	GIYD2
Synonyms:	GIYD2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_178044
Insert Size:	125 bp
Insert Sequence:	<p>>SC200825 3'UTR clone of NM_178044</p> <p>The sequence shown below is from the reference sequence of NM_178044. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p> <pre> GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GCACACTGGACAGACCTGCTGGAGACCTGATCCTCAGTGTCTTACCCCTCCTACCTCTTTTCTGTGC CACCTGCTGTGGGTCCAGCAGGTTTTTACTTGAGTACAATAAAAAGTCTGAGTCAA ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG </pre>
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:	<u>NM_178044.3</u>


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Summary:

This gene encodes a protein that is an important regulator of genome stability. The protein represents the catalytic subunit of the SLX1-SLX4 structure-specific endonuclease, which can resolve DNA secondary structures that are formed during repair and recombination processes. Two identical copies of this gene are located on the p arm of chromosome 16 due to a segmental duplication; this record represents the more telomeric copy. Alternative splicing results in multiple transcript variants. Read-through transcription also occurs between this gene and the downstream SULT1A4 (sulfotransferase family, cytosolic, 1A, phenol-preferring, member 4) gene. [provided by RefSeq, Nov 2010]

Locus ID:

79008

MW:

4.7