

Product datasheet for SC201306

STYXL1 (NM_016086) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	STYXL1 (NM_016086) Human 3' UTR Clone
Symbol:	STYXL1
Synonyms:	DUSP24; MK-STYX; MKSTYX
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_016086
Insert Size:	156 bp
Insert Sequence:	<p>>SC201306 3'UTR clone of NM_016086</p> <p>The sequence shown below is from the reference sequence of NM_016086. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p> <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC ATCACAAACATCATGGATCCGCTCTACTGATCTTCTCCGAGGCCACCGAAGGGTACTGAAGAGCCTCA CCTGGGGGCATTTGTGGGTGGAGGGCCAGAGTGTGTATACCCAGGCTTGTCTGGAAGGAGAAGGCCTT TGCTGCCTGAAAGTCTCA ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA 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_016086.3</u>


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Summary: Catalytically inactive phosphatase (PubMed:20180778, PubMed:23163895). By binding to G3BP1, inhibits the formation of G3BP1-induced stress granules (PubMed:20180778, PubMed:23163895). Does not act by protecting the dephosphorylation of G3BP1 at 'Ser-149' (PubMed:23163895). Inhibits PTPMT1 phosphatase activity (PubMed:24709986). By inhibiting PTPMT1, positively regulates intrinsic apoptosis (PubMed:21262771). May play a role in the formation of neurites during neuronal development (PubMed:29250526).[UniProtKB/Swiss-Prot Function]

Locus ID: 51657

MW: 5.6