

Product datasheet for **SC324808**

STYX (NM_001130701) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	STYX (NM_001130701) Human Untagged Clone
Tag:	Tag Free
Symbol:	STYX
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC324808 representing NM_001130701. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAGGACGTGAAGCTGGAGTCCCTTCCCTTCCACAGTGCAAGGAAGACGCCGAGGAGTGGACCTAC
CCTATGAGACGAGAGATGCAGGAAATTTACCTGGATTGTTCTTAGGCCCATATTCATCTGCTATGAAA
AGCAAGCTACCTGTACTACAGAAACATGGAATAACCCATATAATATGCATACGACAAAATATTGAAGCA
AACTTTATTAACCAAACCTTTCAGCAGTTATTTAGATATTTAGTCCTGGATTTGCAGATAATCCAGTT
GAAAATAATAACGTTTTTCCCTATGACTAAGGAATTTATTGATGGGAGCTTACAAATGGGAGGAAAA
GTTCTTGTGCATGGAAATGCAGGGATCTCCAGAAGTGCAGCCTTGTATTGCATACATTATGGAAACA
TTTGGAAATGAAGTACAGAGATGCTTTTGCTTATGTTCAAGAAAGAAGATTTTGTATTAATCCTAATGCT
GGATTTGTCCATCAACTTCAGGAATATGAAGCCATCTACCTAGCAAAATTAACAATACAGATGATGTCA
CCACTCCAGATAGAAAGGTCATTATCTGTTCACTTCTGGTACCACAGGCAGTTTGAAGAGAACACATGAA
GAAGAGGATGATTTTGAACCATGCAAGTGGCGACTGCACAGAATGGCTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001130701
Insert Size:	672 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).



[View online »](#)

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:	<u>NM_001130701.1</u>
RefSeq Size:	4631 bp
RefSeq ORF:	672 bp
Locus ID:	6815
UniProt ID:	<u>Q8WUJ0</u>
Cytogenetics:	14q22.1
Protein Families:	Druggable Genome, Phosphatase
MW:	25.5 kDa
Gene Summary:	<p>The protein encoded by this gene is a pseudophosphatase, able to bind potential substrates but lacking an active catalytic loop. The encoded protein may be involved in spermiogenesis. Two transcript variants encoding the same protein have been found for these genes. [provided by RefSeq, Oct 2011]</p> <p>Transcript Variant: This variant (2) uses different splice sites in the 5' UTR, compared to variant 1. Variants 1 and 2 both encode the same protein. Sequence Note: The RefSeq transcript and protein were derived from transcript and genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>