

Product datasheet for **SC325533**

ZNF780A (NM_001142579) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF780A (NM_001142579) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF780A
Synonyms:	ZNF780
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC325533 representing NM_001142579. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGGGGAGAAGCCCGAGGAAGATTGACCACTTTTGAATTCAGCAACATGGTCCATGGATCAGTGACA
 TTCAGGGATGTGGCCATTGACTTCTCTCAGGAGGAGTGGGAGTGCCTGCAGCCTGATCAGAGGACCTTG
 TACAGGGATGTGATGTTGGAGAACTACAGCCACCTGATCTCACTGGGAAGTTCATTCTAAACCAGAT
 GTAATTACGTTACTAGAGCAAGAGAAAGAGCCCTGGATGGTTGTAAGGAAAGAAACAAGCAGACGGTAT
 CCAGATTTGGAGTTAAATATGGACCTGAGAAAGTATCTCCAGAAAATGATACCTCTGAAGTAAATTTA
 CCCAAACAGATTTCTTCATTGGCTTCAAACCATCTTTTACAGCTATTTCATTTCAAAGGAGAATCCAT
 TGCAGAATCTGCATTGCATTGGTTATCTCTTTAGTGTATTGTAGCCTGGAAATCCTATGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001142579
Insert Size:	477 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).


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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:	<u>NM_001142579.1</u>
RefSeq Size:	4255 bp
RefSeq ORF:	477 bp
Locus ID:	284323
UniProt ID:	<u>O75290</u>
Cytogenetics:	19q13.2
MW:	18.3 kDa
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (4) differs in the 5' UTR, 3' UTR and 3' coding region, uses an alternate in-frame splice site in its mid coding region, and includes an alternate exon containing a distinct translation start codon, compared to variant 1. The resulting isoform (c) has distinct N- and C-termini, and is shorter than isoform a. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The extent of this transcript is supported by transcript alignments.