

# Product datasheet for RC227864

## ZNF780A (NM\_001142579) Human Tagged ORF Clone

### **Product data:**

#### OriGene Technologies, Inc.

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Product Type:	Expression Plasmids
Product Name:	ZNF780A (NM_001142579) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF780A
-	ZNF780
Synonyms:	
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	<pre>&gt;RC227864 representing NM_001142579 Red=Cloning site Blue=ORF Green=Tags(s)</pre>
	TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCC <mark>GCGATCGC</mark> C
	ATGGGGAGAAGCCCGAGGAAGATTGACCAGTTTTGTAATTCTAGCAACATGGTCCATGGATCAGTGACAT TCAGGGATGTGGCCATTGACTTCTCTCAGGAGGAGGGGGAGTGCCTGCAGCCTGATCAGAGGACCTTGTA CAGGGATGTGATGT
	ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAG <b>GTTTAA</b>
Protein Sequence:	<pre>&gt;RC227864 representing NM_001142579 Red=Cloning site Green=Tags(s)</pre>
	MGRSPRKIDQFCNSSNMVHGSVTFRDVAIDFSQEEWECLQPDQRTLYRDVMLENYSHLISLGSSISKPDV ITLLEQEKEPWMVVRKETSRRYPDLELKYGPEKVSPENDTSEVNLPKQISSLASKPSFTAIHIQRRIHCR ICIAFGYLSLVYCSLEIL
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Chromatograms:	https://cdn.origene.com/chromatograms/ja1253_a07.zip



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## SNF780A (NM\_001142579) Human Tagged ORF Clone - RC227864

Choining Scheme.         CRT CTG GCA CCA J         ORF         Image: Components:         CAT CTG GCA CCA J         Image: Components:         Components: <th>Ing sites used for ORF Shuttling: Sgf1 ORF Mlu1 == CCATCC C TO TO</th>	Ing sites used for ORF Shuttling: Sgf1 ORF Mlu1 == CCATCC C TO
ORF CAT CTC CALCA I D L A A * The bac code back of a * The back of a the the bac	$\frac{M u }{ACG CGT ACG CGG CCG CTC GAG CAG AAA CTC ATC TCA GAA GAGT R T R P L E Q K L I S E E \frac{EcoR V}{Flag.Tag} = \frac{Pme I}{Fse I} \frac{Fse I}{Fse CGGCCGGCC}$
ACCN: NM_00114253 ORF Size: 474 bp OTI Disclaimer: The molecular reference only naturally occu- clone is substrivariants is recor- OTI Annotation: This clone warvaries dependent Components: The ORF clone containing 10 Reconstitution Method: 1. Centrifuge 4 2. Carefully of 3. Close the tu 4. Briefly vorted at the bottom 5. Store the su shipping when	2A AAT GAT ATC CTG GAT TAC AAG GAT GAC GAC GAT AAG GTT TAA ACGGCCGGCC
ACCN: NM_00114257 ORF Size: 474 bp OTI Disclaimer: The molecula reference only naturally occu- clone is subst variants is reconstitution Method: The ORF clone containing 10 Reconstitution Method: 1. Centrifuge 2. Carefully of 3. Close the tu 4. Briefly vorte at the bottom 5. Store the su shipping when	
DRF Size: 474 bp DTI Disclaimer: The molecula reference only naturally occu clone is subst variants is rec DTI Annotation: This clone wa varies depend Components: The ORF clone containing 10 Reconstitution Method: 1. Centrifuge 2. Carefully of 3. Close the tu 4. Briefly vorte at the bottom 5. Store the su	e the Stop codon of the ORF
DTI Disclaimer:The molecular reference only naturally occul clone is substivariants is recDTI Annotation:This clone wa varies dependentDTI Annotation:This clone wa varies dependentDTI Annotation:The ORF clone containing 10Reconstitution Method:1. Centrifuge 2. Carefully op 3. Close the tu 4. Briefly vorta at the bottom 5. Store the su shipping when	2579
<ul> <li>reference only naturally occur clone is substivariants is reconstitution:</li> <li>This clone was varies dependents:</li> <li>The ORF clone containing 10</li> <li>Components:</li> <li>Components:</li> <li>Constitution Method:</li> <li>Centrifuge 4</li> <li>Consecting 10</li> <li>Close the tue 4</li> <li>Briefly vorte at the bottom 5</li> <li>Store the sus shipping whete</li> </ul>	
Components: The ORF clone containing 10 Reconstitution Method: 1. Centrifuge 4 2. Carefully op 3. Close the tu 4. Briefly vortu at the bottom 5. Store the su shipping when	lar sequence of this clone aligns with the gene accession number as a point of nly. However, individual transcript sequences of the same gene can differ through ccurring variations (e.g. polymorphisms), each with its own valid existence. This ostantially in agreement with the reference, but a complete review of all prevailing recommended prior to use. <u>More info</u>
containing 10 Reconstitution Method: 1. Centrifuge 2. Carefully op 3. Close the tu 4. Briefly vortu at the bottom 5. Store the su shipping when	vas engineered to express the complete ORF with an expression tag. Expression nding on the nature of the gene.
<ol> <li>Carefully op</li> <li>Close the tu</li> <li>Briefly vorte</li> <li>at the bottom</li> <li>Store the su</li> <li>shipping when</li> </ol>	one is ion-exchange column purified and shipped in a 2D barcoded Matrix tube 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
RefSeq: <u>NM 0011425</u>	ge at 5,000xg for 5min. open the tube and add 100ul of sterile water to dissolve the DNA. tube and incubate for 10 minutes at room temperature. ortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid om. suspended plasmid at -20°C. The DNA is stable for at least one year from date of nen stored at -20°C.
	<u>2579.2</u>
efSeq ORF: 477 bp	
ocus ID: 284323	
IniProt ID: 075290	

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Cytogenetics:

MW:

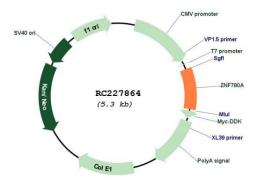
18.1 kDa

19q13.2

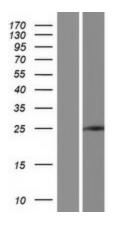
Gene Summary:

May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

## **Product images:**



Circular map for RC227864



Western blot validation of overexpression lysate (Cat# [LY428189]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC227864 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).

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