

## Product datasheet for **SC100844**

### PLAC2 (TINCR) (NM\_153375) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	PLAC2 (TINCR) (NM_153375) Human Untagged Clone
Tag:	Tag Free
Symbol:	PLAC2
Synonyms:	FLJ90734
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL6</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC100844 sequence for NM_153375 edited (data generated by NextGen Sequencing)

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ATGAAACCCTGGCCTGACCAGCTGATGCACACTGCTTCAGACACTCCTGTGGAGCCCCA
GTCCCTGACAAGGACCTAGGACATTTTTGCTCCTGCCAGCCTATCGGGAGGGAGCCTTG
AGCCTTTCAGCTCTGCTGTGTGACTTTGAGGTTGTTGCTCCCCTCTTGGGGCCCTGGGTG
CCCTGTCTTCAGTGGAAAGCACTGTGCCACCTTGAAAGCTCCCATGGGCAGCCAGAGGG
CATCGCAAGAAGAGAAGCACAGAAGGGGCAGGAGAGACTCAGAGGCACCTCCGCTCTT
GCCCAGGACATTCTCCAGCCACACCTTTGCCAAGCCGTGCCCCCTGCCTGGAGCACTT
TTCAACCTCTTCTGCAGCTCCAATACACCTGGGATTGCAGTCTCCTCCAGGAAGTCTT
CTCAGATTCCTCCTTCCAGCCAGAGAGCATCTAG
```

Clone variation with respect to NM\_153375.1  
452 c=>t



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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_153375 unedited AAATCTTTCCCCGCCCGTTGNCCCAAAGGGCGGTAGGCGTGTACGGTGGNGAGTCTATA TAAGCAGAGCTCATTAGGTGACACTATAGAATACAAGCTACTTGTCTTTTGCAGCGG CCGCGAATTCGGCACGAGGGGAGCCTAGATCTCACTCCAGGGTCTGGGCTCCCAGGTGGA CCATGAAACCTTGGCCTGACCAGCTGATGCACACTGCTTCAGACACTCCTGCTGGAGCCC CAGTCCCTGACAAGGACCTAGGACATTTTTGCTCCTGCCAGCCTATCGGAGGGAGCCT TGAGCCTTTCAGCTCTGCTGTGTGACTTTGAGGTTGTTGCTCCCCTCTTGGGGCCCTGGG TGCCCTGTCTTCACTGGAAAGCACTGTGCCACCTTGAAAGCTCCCATGGGCAGCCAGAG GGCATCGCAAGAAGAGAAGCACAGAAGGGGCAGGAGAGACTCAGAGGCACTTCCGCTC TTGCCAGGACATTCTCCAGCCACACCTTTGCCCAAGCCGTGCCCTGCCTGGAGCAC TTTTCAACCTCTTCTCTGCAGCTCCAATACACCTGGGATTGCAGTCTCCTCCAGGAAGTC TTCTCAGATTCCTCCTCCAGCCAGAGACATCTAGCCTTCTTTGGGGCCCCACAGG CCCTTTGTGCAGTGAACAGCCCTGGCTGGGGGTGCAGCCAGTCGTGTCCGAACTCTCAA TGACTAAGCGGGGAGATCGGACATCCTAGCTCCTTCTGAGGCCCTCAACTGTGCCCAT TTCCACCCCAAATACCTCCCCAGGAGGCACCTGTGCCACCCCTGGGCTGTTTCCCC TTCCCTTNAATCCGGATGCCTCGCTTTGCATAGGTCTTGGGGCACGGGNGAAAGGGTC
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_153375
<b>Insert Size:</b>	3500 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">NM_153375.1</a> , <a href="#">NP_699206.1</a>
<b>RefSeq Size:</b>	2467 bp
<b>RefSeq ORF:</b>	456 bp
<b>Locus ID:</b>	257000
<b>Cytogenetics:</b>	19p13.3
<b>Gene Summary:</b>	This gene produces a spliced long non-coding RNA that binds RNAs. This transcript interacts with staufer-1 protein to regulate the stability of mRNAs for genes involved in the differentiation of epidermal tissue. Variation in this gene may be associated with cancer progression. [provided by RefSeq, Aug 2017]