

Product datasheet for **SC307072**

NICE2 (S100A7A) (NM_176823) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NICE2 (S100A7A) (NM_176823) Human Untagged Clone
Tag:	Tag Free
Symbol:	NICE2
Synonyms:	NICE-2; NICE2; S100A7f; S100A7L1; S100A15
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_176823, the custom clone sequence may differ by one or more nucleotides

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ATGAGCAACACTCAAGCTGAGAGGTCCATAATAGGCATGATCGACATGTTTCACAAATACACCGGACGTG
ATGGCAAGATTGAGAAGCCAAGCCTGCTGACGATGATGAAGGAGAACTCCCCAATTTCTCAGTGCCTG
TGACAAAAAGGGCATAACATTACCTCGCCACTGTCTTTGAGAAAAAGGACAAGAATGAGGATAAGAAGATT
GATTTTTCTGAGTTTCTGTCCTTGCTGGGAGACATAGCCGCAGACTACCACAAGCAGAGCCATGGAGCGG
CGCCCTGTTCTGGGGGAAGCCAGTGA
```

Restriction Sites:	Please inquire
ACCN:	NM_176823
Insert Size:	300 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).
OTI Annotation:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_176823.2.
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).



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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: [NM_176823.2](#), [NP_789793.1](#)

RefSeq Size: 4351 bp

RefSeq ORF: 306 bp

Locus ID: 338324

UniProt ID: [Q86SG5](#)

Cytogenetics: 1q21.3

Gene Summary: May be involved in epidermal differentiation and inflammation and might therefore be important for the pathogenesis of psoriasis and other diseases.[UniProtKB/Swiss-Prot Function]