

Product datasheet for **SC126123**

Naked1 (NKD1) (NM_033119) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Naked1 (NKD1) (NM_033119) Human Untagged Clone
Tag:	Tag Free
Symbol:	Naked1
Synonyms:	Naked1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_033119 unedited GTTGGCATTGTATACGACTCATATAGGGCGGCCGCAATTCGCACGAGGGCCAATGGGC GCGCGGGGAGGCGCGGGCCGCGGCGGGCTGGGGGCTCGGCGCTCCCGGGCGTCAGTC GGGCCGCGGCGACGGCGGCAGGAGCGCTCCCGGCGCCGCTCGGGCTCCGCTCGGCTCG GGGGTGTTCGGGAGGAGGAGACCAAGGGAGGCCAGGCCCGCGGGCCGGGCGCATG GCTTAGGACGCTCCCGGCCCGCAGCCCCAGCATGGGAAAACCTCACTCCAAGCCGGC CGCCGTGTGCAAGCGCAGGGAGAGCCCCGAAGGTGACAGCTTCGCCGTGAGCGCTGCCTG GGCTCGGAAGGGCATCGAGGAGTGGATCGGGAGACAGCGCTGCCCGGGCGGTGTCTCGGG ACCCCGACAGCTGCGGTTGGCGGCACCATAGGCCGAAGCACCCGGGAGCTCGTGGGCGA CGTGTGAGAGACAGCTCAGCGAGGAAGAGGAGGACGACTTTCGGCTGGAAGTGGCCCT GCCTCCTGAGAAGACTGACGGGCTGGGCAGCGGAGATGAGAAGAAGATGGAGAGAGTGAG CGAACCTGCCAGGCTCCAAGAAGCAGCTGAAGTTTGAAGAGCTCCAGTGCGACGTGTC CATGGAGGANGACAGCCGGCAGGAGTGGACCTTACCCTGTATGACTTTGACAACAACGG CAGGTCACCCCGAGAGACATCACCAGCTTGTGCACACCATCTATGAGGTGGTGGACNTC TCTGTCAACACTCCCCACATCCAGCAAGATGCTCGGGTAAAGCTCACCGTGGCCCCCGA TGGCAGCCAGAGCCAGAGGAGCGTCCTTGTCAATCAGCTGGACTGCANAGCGCAAGCCCC NAGCAGAAACCAAGCCACTGAGGAAGTGCAGGACTGG
Restriction Sites:	Please inquire
ACCN:	NM_033119
Insert Size:	2600 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:	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_033119.3, NP_149110.1</u>
RefSeq Size:	2604 bp
RefSeq ORF:	1413 bp
Locus ID:	85407
UniProt ID:	<u>Q969G9</u>

Cytogenetics:	16q12.1
Protein Families:	Druggable Genome
Protein Pathways:	Wnt signaling pathway
Gene Summary:	In the mouse, Nkd is a Dishevelled (see DVL1; MIM 601365)-binding protein that functions as a negative regulator of the Wnt (see WNT1; MIM 164820)-beta-catenin (see MIM 116806)-Tcf (see MIM 602272) signaling pathway.[supplied by OMIM, Jun 2003]