

## Product datasheet for SC302418

### Nudel (NDEL1) (NM\_001025579) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Nudel (NDEL1) (NM_001025579) Human Untagged Clone
Tag:	Tag Free
Symbol:	Nudel
Synonyms:	EOPA; MITAP1; NDE1L1; NDE2; NUDEL
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC302418 sequence for NM_001025579 edited (data generated by <a href="#">NextGen Sequencing</a> ) ATGGATGGTGAAGATATACCAGATTTTTCAAGTTTAAAGGAGGAAACTGCTTATTGGAAG GAACTTTCCTTGAAGTATAAGCAAAGCTTCCAGGAAGCTCGGGATGAGCTAGTTGAATTC CAGGAAGGAAGCAGAGAATTAGAAGCAGAGTTGGAGGCACAATTAGTACAGGCTGAACAA AGAAATAGAGACTTGCAGGCTGATAACCAAAGACTGAAATATGAAGTGGAGGCATTAAAG GAGAAGCTAGAGCATCAATATGCACAGAGCTATAAGCAGGTCTCAGTGTTAGAAGATGAT TTAAGTCAGACTCGGGCCATTAAGGAGCAGTTGCATAAGTATGTGAGAGAGCTGGAGCAG GCCAACGACGACCTGGAGCGAGCCAAAAGGGCAACAATAGTTTCACTGGAAGACTTTGAA CAAAGGCTAAACCAGGCCATTGAACGAAATGCATTTTTAGAAAAGTGAACCTTGATGAAAAG GAATCTTTGTTGGTCTCTGTACAGAGGTTAAAGGATGAAGCAAGAGATTTAAGGCAAGAA CTAGCAGTTCGGGAAAGACAACAGGAAGTAACTAGAAAAGTCGGCTCCTAGCTCTCCAAC CTAGACTGTGAAAAGATGGACTCCGCCGTCCAAGCATCACTTTCTTTGCCAGCTACCCCT GTTGGCAAAGGAACGGAGAACACTTTTCCTTACCAGAAAGCTATACCAAATGGTTTTGGT ACCAGTCCACTAACTCCCTCTGCTAGGATATCAGCACTAAACATCGTGGGGGATCTCTTA CGGAAAGTAGGGGCTTTAGAATCCAAATTAGCAGCTTGCAGGAATTTTGCAAAGGACCAA GCATCACGAAAATCCTATATTTTCAAGGAATGTTAACTGTGGGGTGTCTGAATGGCAATGGC ACAAAGTTCTCTCGATCAGGGCATACTTTTCTCGACAAAAGGGCAAGAAAAAGTCATA TTTCCCAGTTGTTTCATGGGGCAGTAA
	Clone variation with respect to NM_001025579.1
Restriction Sites:	Please inquire
ACCN:	NM_001025579



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<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>OTI Annotation:</b>	The open reading frame of this TrueClone was fully sequenced and found to be a perfect match to the protein associated to this reference.
<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>	<u><a href="#">NM_001025579.1</a></u> , <u><a href="#">NP_001020750.1</a></u>
<b>RefSeq Size:</b>	2420 bp
<b>RefSeq ORF:</b>	987 bp
<b>Locus ID:</b>	81565
<b>UniProt ID:</b>	<u><a href="#">Q9GZM8</a></u>
<b>Cytogenetics:</b>	17p13.1
<b>Gene Summary:</b>	<p>This gene encodes a coiled-coil protein that plays a role in multiple processes including cytoskeletal organization, cell signaling and neuron migration, outgrowth and maintenance. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is located on the long arm of chromosome X. [provided by RefSeq, Mar 2012]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes isoform A.</p>