

Product datasheet for **MR225593**

Nid1 (NM_010917) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nid1 (NM_010917) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Nid1
Synonyms:	A630025O17; entactin; entactin-1; Nid; nidogen-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR225593 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTGGACGCGAGCGGCTGTAGTTGGGCGATGTGGACGTGGGCGCTGTTGCAGCTGCTGCTACTAGTGG
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Protein Sequence:

>MR225593 protein sequence
 Red=Cloning site Green=Tags(s)

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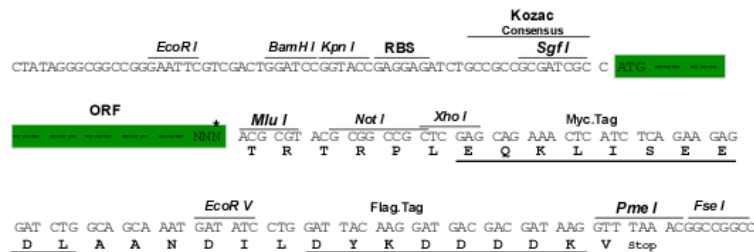
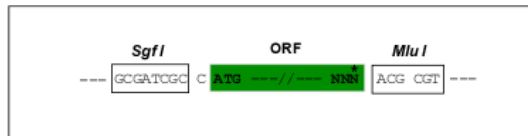
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Cloning Scheme:

Sgfl-MluI

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN:

NM_010917

ORF Size:

3735 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_010917.2 , NP_035047.2
RefSeq Size:	6046 bp
RefSeq ORF:	3738 bp
Locus ID:	18073
UniProt ID:	P10493
Cytogenetics:	13 5.26 cM
MW:	136.5 kDa
Gene Summary:	Sulfated glycoprotein widely distributed in basement membranes and tightly associated with laminin. Also binds to collagen IV and perlecan. It probably has a role in cell-extracellular matrix interactions.[UniProtKB/Swiss-Prot Function]

