

Product datasheet for SC118601

Entactin (NID1) (NM_002508) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Entactin (NID1) (NM_002508) Human Untagged Clone
Tag:	Tag Free
Symbol:	Entactin
Synonyms:	NID
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC118601 sequence for NM_002508 edited (data generated by NextGen Sequencing)

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ATGTTGGCCTCGAGCAGCCGGATCCGGGCTGCGTGGACGGGGCGTCTGCTGCCGCTG
CTGCTGGCGGGGCTGTGGGCTGCCTGAGCCGCCAGGAGCTCTTCCCTTCGGCCCCGGA
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GCCCCCTACCAAGGGCCAGCAGGGACCCAGACCAGAAAGCAAGAGAAACACGTTCCAG
GCTGTTCTAGCCTCCTCTGATTCCAGCTCCTATGCCATTTTCTTTATCCTGAGGATGGT
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GAGCAGGACGGATTCAAGAATGGGTTTCAGCATCACCGGGGTGAGTTCACTCGCCAGGCT
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 GTTGACTGTATCGAACAGAAATGA

Clone variation with respect to NM_002508.2
 736 g=>a;2409 a=>g;2421 g=>t

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_002508 unedited
 GCTCCTTTCCACGCTAGGGCGGTAGGCGGTACGGTGGGAGGTCTATATAAGCAGATCTC
 ATTTAGGTGACACTATAGAATACAAGCTACTTGTCTTTTTGCAGCGGCCGCAATTCGG
 CACGAGGGTCTGGCCGCGGGACCGGGTTTGCGGGACCGCAGTTCGGGAACATGTTGGCC
 TCGAGCAGCCGGATCCGGGCTGCGTGGTCTCGGGCGCTGCTGCTGCCGCTGCTGCTGGCG
 GGGCCTGTGGGCTGCCTGAGCCGCCAGGAGCTTTCCCTTCGGCCCCGGACAGGGGGAC
 CTGGAGCTGGAGACGGGGATGACTTCGTCTCTCCTGCCCTGGAGCTGAGTGGGGCGCTC
 CGCTTCTACGACAGATCCGACATCGACGAGTCTACGTACCACAAATGGCATCATTGCT
 ACGAGTGAACCCCGGCCAAAGAATCCCATCCCGGGCTCTTCCCAACATTCCGGTGCA
 GTCGCCCTTTCTGGCGGACTTGGACACGACCGATGGCCTGGGGAAGGTTTATTATCGA
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 CAAGGGCCAGCAGGGACCCAGACCAGAAAGGCAAGAGAAACACGTTCCAGGCTGTTCTA
 GCCTCCTCTGATTCCAGCTCCTATGCCATTTTCTTTATCCTGAGGATGGTCTGCAGTTC
 CATAACGACATTCTAAAAAGGAAAAACCAAGTTCCTGCCGTGGTTGCATTGAGTCAAG
 GTTCAGTGGGATTCTTATGGAAGAGCNAACGAGCTTATACATATTTGCTAATGACAGGGA
 ATCAATTGAAAATTTGGCNANGATAGTTACTCTGGGCAGCAGGGTGTCTTGGTGTGGAG
 ATTGGGAGTCAGCCACCCCATGCGGTGTGCCTN

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_002508 unedited
 CTTAACTAGNNTTCGTTTTCCGCTCTCTAAGTTCTAGTTTTTTTTTTTTTTTTTTGTGAT
 ACTTTTCATTGAATCATCTCGACTCCTTTATCCCATCCTTTACTGACTCAAACCTCTTAT
 GCTGAACTTTTCAATCCAAAATTTCTATTGTTTTAGGACTCTGGGAAGCAGTTGATAAAA
 AGATAACACGAGCTACTGATATGGTCAGGAGATGTTTTCTAAACAAATGTAGAAATATA
 AACATGAAATGTGGCAATGATCCCTTTAATTAGATCATTGAGCAATAAAGGATATGAACC
 ATTAGTATAAATATTCAATTCAGTCTTTCCGGATTGTGTTGTTAGATAAGAATACATCCA
 AAAAGGGCCACAGATCGAGGGAGAAACCAAGGAGGGGTGAGGTCATGGTTGAGTGAAT
 TGGTTCTGTGATGTGGAGCCGGAGGTGAGGGACTGTGGTGGGACATCATCTGGTCCAG
 CCCCATCTGTACCTCAGATAGGTCTCCGTGAAAAGGAGGGACATCAGTGCAAGCAGTGG
 GGCTAAAGACCAGCACAGCAACAGAGACTAGAACCTTGGATGCAAGTATTTTGGGCAAG
 AGGAATAATTAGTAATCTTTGGTATAATTTAAGGCACATCANANAAATCCCCTATTCTCA
 AATATCTGACCTACACCTTGAATTCCTACCATTGGACATTCTTTTGATTAAGCCCTTT
 ACTAACANATGCCAATATCCTACTGCTCAAATATTGACATTCTATCTGGGAAGGGCTGCT
 CATATCATCCACAAATGCCCATAGATCTCTAGACAGGGTAGTTTTGATGAAAAAGCACCG
 ATGAATATATTATGGGGTCTTAAACAGNATGATGATGGGAGGA

Restriction Sites:

NotI-NotI

ACCN:

NM_002508

Insert Size:

5500 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).

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:	NM_002508.1 , NP_002499.1
RefSeq Size:	4898 bp
RefSeq ORF:	3744 bp
Locus ID:	4811
UniProt ID:	P14543
Cytogenetics:	1q42.3
Domains:	Idl_recept_b, thyroglobulin_1, EGF_CA, NIDO, EGF, EGF, G2F
Protein Families:	Druggable Genome, Secreted Protein
Gene Summary:	This gene encodes a member of the nidogen family of basement membrane glycoproteins. The protein interacts with several other components of basement membranes, and may play a role in cell interactions with the extracellular matrix. [provided by RefSeq, Jul 2008]