

Product datasheet for **MR226018**

Nectin4 (NM_001122680) Mouse Tagged ORF Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Nectin4 (NM_001122680) Mouse Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | Nectin4 |
| Synonyms: | 1200017F15Rik; Prr4; Pvrl4 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



[View online »](#)

ORF Nucleotide Sequence:

>MR226018 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCCTGTCCCTGGGAGCCGAGATGTGGGGCCCTGAAGCCTGGCTGCGGCTGTTGTTCTTCCGATCGT
 TTACAGGCCAATATTCCGCGGGTGGAGACTCTGACGTAGTGACAGTGGTCTGGGTCAGGATGC
 AAAACTGCCCTGCTTCTACCGAGGGGATCCGGATGAGCAGGTGGGGCAGGTGGCATGGGCTCGAGTGGAC
 CCAAACGAGGGTATCCGGGAGCTGGCCCTACTGCACTCCAAATACGGGCTTCATGTGAACCTGCTTATG
 AGGACCGCTGGAGCAACCACGCCCCACGAGACCTCTAGACGGCTCGGTCTCTGCGCAACGCTGT
 GCAAGCTGATGAGGGGAGTACGAATGCAGAGTACGACCTTCCCAGCCGGCAGCTTTCAGGCACGGATG
 CGTCTTCGTGTTCTGGTGCCTCCTGCCTTCACTGAATCCTGGTCCACCACTAGAAGAGGGCCAGGGCC
 TGACGTTGGCAGCCTCTGCACTGCTGAGGGCAGCCAGCTCCCAGCGTGACCTGGGACACAGAGGTCAA
 GGGCACACAGTCGAGCCGCTCTTTCACACACCCACGCTCAGCTGCCGTCACTTCAGAGTTCATCTGGTG
 CCCAGCCGAAGTATGAATGGGCAGCCGCTGACCTGCGTGGTGTCTCACCTGGCCTGCTCCAGGACCGAA
 GAATCACCCACACCCCTCAAGTGGCCTTCTTGGCGAGGCTCTGTGAGGGGCTTGAGGACCAAACTT
 GTGGCAAGTCGGCCGAGAAGGAGCCACACTCAAATGCCTGAGTGAAGGACAGCCCTCCCAAATACAAC
 TGGACACGGTTGGATGGACCTCTGCCTAGTGGGTACGAGTGAAGGAGACACTCTGGGCTTCCCCAC
 TGACTACTGAGCACAGTGGCGTCTACGTCTGTCACGTCAGCAATGAGCTTCTTCGAGGGATTCTCAGGT
 CACTGTGGAAGTCTTGACCCGAAGATCCAGGAAAGCAGGTGGACCTGGTGTCCGCCTCAGTGATCATA
 GTGGGCGTGATCGCTGCTCTCTGTTCTGCCTCCTGGTGGTGGTGGTGTCTATGTCGATATCATC
 GCCCAAAGCCAGCAGATGACCCAGAAATATGAGGAGGAGCTGACTTTGACCAGGGAGAACTCCACG
 GAGGCTGCACTCTACCACTCGGACCTAGGAGCCAGAGTGAAGAGCCAGAAGGCCGAGCTACTCCACG
 TTAACCACAGTGAGAGATCGAGACACAGACCGAACTGCTATCTCCAGGCTCTGGGAGGACAGAGGAGG
 ACGACGATCAGGATGAAGGCATCAAACAGGCCATGAACATTTTGTGAGGAAAATGGGACCTGAGGGC
 CAAACCTACAGGCAATGGTATCTACATCAACGGGCGAGGGCACCTGGTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR226018 protein sequence
 Red=Cloning site Green=Tags(s)

MPLSLGAEMWGPEAWLRLLFLASFTGQYSAGELETSVVTVVVGQDAKLPFYRGDPDEQVGVAVARVD
 PNEGIRELALLHSKYGLHVNPAVEDRVEQPPPPRDLGSLVLLRNAVQADEGEYECRVSTFPAGSFQARM
 RLRVLPPLPSLNPGPPLLEEGQLTLAASCTAEGSPAPSVTWDTEVKGTQSSRSFTHPRSAVSTSEFHLV
 PSRSMNGQPLTCVVSHPGLLQDRRITHTLQVAFLAEASVRGLEDQNLWQVREGATLKCLSEGQPPPKYN
 WTRLDGPLPSGVRVKGDTLGFPLTTEHSGVYVCHVSNELSSRDSQVTVEVLDPEDPGKQVDLVSASVII
 VGVIAALLFCLLVVVVLMSTRYHRRKAQMTQKYEEELTLTRENSIRRLHSHSDPRSQSEEPEGRSYST
 LTTVREIETQTELLSPGSGRTEEDDDQDEGIKQAMNHVQENGLRAKPTNGIYINGRHVLV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001122680

ORF Size: 1449 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.

RefSeq: [NM_001122680.1](#), [NP_001116152.1](#)

RefSeq Size: 3434 bp

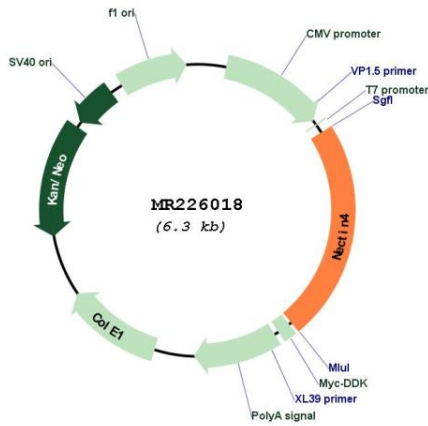
RefSeq ORF: 1452 bp

Locus ID: 71740

UniProt ID: [Q8R007](#)

Cytogenetics: 1 H3
MW: 53 kDa
Gene Summary: Seems to be involved in cell adhesion through trans-homophilic and -heterophilic interactions, the latter including specifically interactions with NECTIN1.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR226018