

## Product datasheet for **MR207475**

### **Nectin2 (NM\_001159724) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Nectin2 (NM_001159724) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Nectin2
Synonyms:	AI325026; AI987993; Cd112; MPH; nectin-2; Pvr; Pvrl2; Pvs
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR207475 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGCCCGGGCCGAGTCTCCCGCTCCAGATTGTACCGACGCTGCCGTTGTTGCCGCTGCTACTGC  
 TCCTGTTTCAGGAAACAGGAGCCCAAGATGTGCGGGTACGAGTGCTTCCGAGGTCGGGGCCGCTTGGG  
 AGGCACCGTGGAGTTACCGTGCAACCTGCTCCACCCACGACGGAGCGCTCTCTCAGGTGACCTGGCAG  
 CGCCTGGATGGCAGATTGTGGCTGCTTCCACCCATCCTTCGGAGTGGATTTCCCAACTCTCAGTTCA  
 GCAAGGACCGTCTGCTTTGTGAGAGCGAGACCAGAAACAAACGACAGCTGCGGGATGCCACACTGGC  
 CTTCCGGGACTGAGGGTAGAGGACGAGGGCAATTACACCTGCGAGTTTCCACGTTTCCCAACGGTACC  
 CGCAGGGGGTGACCTGGCTCAGAGTCATAGCCAGCCTGAGAACCACGCTGAAGCCAGGAGGTACAA  
 TTGGCCCCAGTCGGTGGCTGTAGCCCGCTGTGTCTCCACTGGGGCCGCCCCCTGCCGAATCACCTG  
 GATCTCATCTCTGGGTGGAGAGGCCAAAGATACTCAGGAGCCAGGGATACAGGCTGGCACCGTCACTATC  
 ATCAGCCGATACTCCTTGGTGCCCGTGGGCCGAGCGGATGGCGTCAAGGTCACGTGTAGAGTGGAAACAG  
 AGAGCTTCGAAGAGCCGATCCTGCTGCCAGTGACCCTCTCTGTGCGCTACCCCTCCAGAAGTATCCATCTC  
 CGGCTATGATGACAACCTGGTACCTTGGCCGAGTGAGGCCATACTGACCTGTGATGTACGAAGCAACCCA  
 GAGCCACAGACTATGACTGGAGCACGACCTCGGGCGTCTTCCAGCCTCTGCAGTGGCCAGGGCTCTC  
 AGCTGCTTGTCCACTCTGTGGATCGAATGGTCAACACTACCTTCTGTACAGCCCAACGCTGTGGG  
 GACAGGCCGTGCTGAGCAGGTCATCCTGGTGGAGACACCCCGAGCCCTCCGAGATGTGGGTCGGCTG  
 GTGTGGGGGCCGTGGGGGAACATTGCTGGTGTACTCTGGCTGGGGGTTCCCTGGCCTTGATCCTGC  
 TGAGGGGAGGAGGAGGGGGAAGAGCCCTGGAGGAGGAGAAATGATGGCGACAGAGGATCCTACGATCC  
 AAAGACTCAGGTGTTTGGGAACGGGGTCTGTCTTCTGGAGGTCAGCATCCCTGAGCCCATGAGGCCA  
 GATGGCAGGGAGGAAGATGAGGAGGAGGAGGAAGAAATGAAGGCAGAGGAAGGTCTCATGCTACCTCCAC  
 ACGAGTCACTAAGGACGACATGGAGTCCCATCTGGATGGCTCCCTCATCTCTCGCGGGCAGTTTACGT  
 G

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR207475 protein sequence  
 Red=Cloning site Green=Tags(s)

MARAAVLPPSRLSPTLPLPLLLLLLQETGAQDVRVRLPEVRGRLGGTVELPCNLLPPTTERVSQVTWQ  
 RLDGTVVAAFHPSFGVDFPNSQFSKDRLSFVRRARPETNADLRDATALAFRGLRVEDEGNYTCEFATFPNGT  
 RRGVTLRVIAQPENHAEAEQVETIGPQSVAVARCVSTGGRPPARITWISSLGAEKDTQEPGIQAGVTI  
 ISRYSLVPVGRADGVKVTCRVEHESFEPIILLPVTLVRYYPPEVSI SGYDDNWYLGRSEALITCDVRSNP  
 EPTDYDWTSTSGVFPASAVAQGSQLLVHSVDRMVNTTFICTATNAVGTGRAEQVILVRDTPQASRDVGPL  
 VWGAVGGTLLVLLLAGGFLALILLRGRRRRKSPGGGGNDGDRGSYDPKTQVFGNGGPVFWRSASPEMPRP  
 DGREEDEEEEEEMKAEGLMLPPHESPKDDMESHLDGSLISRRAYVY

**TR**TRPLEQKLI SEEDLAANDILDYKDDDDKV

**Restriction Sites:**

SgfI-MluI

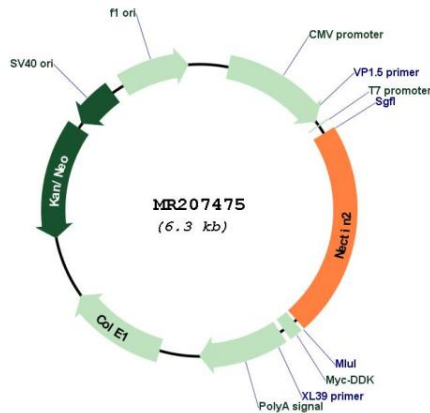


Cytogenetics: 7 9.94 cM

MW: 50.8 kDa

Gene Summary: Modulator of T-cell signaling. Can be either a costimulator of T-cell function, or a coinhibitor, depending on the receptor it binds to. Upon binding to CD226, stimulates T-cell proliferation and cytokine production, including that of IL2, IL5, IL10, IL13, and IFNG. Upon interaction with PVRIg, inhibits T-cell proliferation. These interactions are competitive. Probable cell adhesion protein.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR207475