

Product datasheet for **RC213693**

Nectin 2 (NECTIN2) (NM_001042724) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nectin 2 (NECTIN2) (NM_001042724) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Nectin 2
Synonyms:	CD112; HVEB; PRR2; PVRL2; PVRR2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC213693 representing NM_001042724
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCCCGGCCGCTGCCCTCTGCCGTGAGATCGCCGCCGACGCCGCTGCTGTGGCCGCTGCTGCTGC
 TGCTGCTCCTGGAAACCGAGCCAGGATGTGCGAGTTCAAGTGCTACCGAGGTGCGAGGCCAGCTCGG
 GGGCACCGTGGAGCTGCCGTGCCACCTGCTGCCACCTGTTCTGGACTGTACATCTCCCTGGTGACCTGG
 CAGCGCCAGATGCACCTGCGAACCACCAGAATGTGGCCGCTTCCACCCTAAGATGGGTCCCAGCTTCC
 CCAGCCCCGAAGCCTGGCAGCGAGCGGCTGCTCTCGTCTCTGCCAAGCAGAGCACTGGGCAAGACACAGA
 GGCAGAGCTCCAGGACGCCACGCTGGCCCTCCACGGGCTCACGGTGGAGGACGAGGGCAACTACACTTGC
 GAGTTTGCACCTTCCCCAAGGGTCCGTCGAGGGATGACCTGGCTCAGAGTCATAGCCAAGCCCAAGA
 ACCAAGCTGAGGCCAGAAGTACGTTACGCCAGGACCTACGACAGTGGCCCTCTGCATCTCCAAGA
 GGGCCGCCACCTGCCCGGATCTCTGGCTCTCATCCCTGGACTGGGAAGCCAAAGAGACTCAGGTGTCA
 GGGACCTGGCCGGAAGTGTCACTGTACCAGCCGCTTACCTTGGTGCCTCGGGCCGAGCAGATGGTG
 TCACGGTCACTGCAAAGTGGAGCATGAGAGCTTCGAGGAACCAGCCCTGATACCTGTGACCCCTCTCTGT
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 TCCCTGGATCTAGAGGATGAGGAGGGGGAGGAGGAAGAGTATCTGGACAAGTCAACCCCATCTATG
 ATGCTCTGCTCTATAGCAGCCCTCTGATTCTACCAGGGCAAAGGCTTTGTCATGTCCCGGCCATGTA
 TGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC213693 representing NM_001042724
 Red=Cloning site Green=Tags(s)

MARAAALLPSRSPPTLLWPLLLLLLLETAQDVRVQVLPVVRGQLGGTVELPCHLLPPVPGLYISLVTW
 QRPDAPANHQNVAAFHPKMGPSFSPKPGSERLSFVSAKQSTGQDTEAELQDATALALHGLTVEDEGNYTC
 EFATFPKGSVRGMTWLRVIAKPKNQAEQKVTFSQDPTTVALCISKEGRPPARISWLSLDEWAKETQVS
 GTLAGTIVTSTRFTLVPSGRADGVTVTCKVEHESFEEPALIPVTL SVRYPPEVSI SGYDDNWYLGRD
 LSCDVRNPEPTGYDWTSTSGTFPTSAVAQGSQVLIHAVDSL FNTTFVCTVTVNAVGMGRAEQVIFVRETP
 NTAGAGATGGIIGGIIAIIATAVAATGILICRQQRKEQTLQGAEEDEDLEGPPSYKPPTPKAKLEAQEM
 PSQLFTLGASEHSPLKTPYFDAGASCTEQEMPRYHELPTLEERSGPLHPGATSLGSPIPVPPGPPAVEDV
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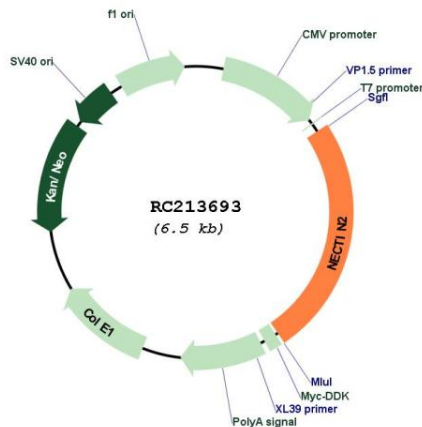
TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

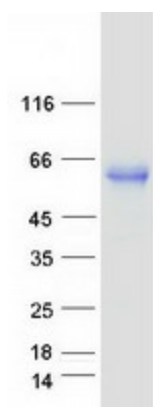
Sgfl-MluI

RefSeq:	NM_001042724.2
RefSeq Size:	2869 bp
RefSeq ORF:	1617 bp
Locus ID:	5819
UniProt ID:	Q92692
Cytogenetics:	19q13.32
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Adherens junction, Cell adhesion molecules (CAMs)
MW:	57.74 kDa
Gene Summary:	This gene encodes a single-pass type I membrane glycoprotein with two Ig-like C2-type domains and an Ig-like V-type domain. This protein is one of the plasma membrane components of adherens junctions. It also serves as an entry for certain mutant strains of herpes simplex virus and pseudorabies virus, and it is involved in cell to cell spreading of these viruses. Variations in this gene have been associated with differences in the severity of multiple sclerosis. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RC213693



Coomassie blue staining of purified NECTIN2 protein (Cat# [TP313693]). The protein was produced from HEK293T cells transfected with NECTIN2 cDNA clone (Cat# RC213693) using MegaTran 2.0 (Cat# [TT210002]).