

## Product datasheet for **TP313693M**

### **Nectin 2 (NECTIN2) (NM\_001042724) Human Recombinant Protein**

#### **Product data:**

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|--|---|
| <b>Product Type:</b>                         | Recombinant Proteins  |
| <b>Description:</b>                          | Recombinant protein of human poliovirus receptor-related 2 (herpesvirus entry mediator B) (PVRL2), transcript variant delta, 100 µg |
| <b>Species:</b>                              | Human   |
| <b>Expression Host:</b>                      | HEK293T   |
| <b>Expression cDNA Clone or AA Sequence:</b> | >RC213693 representing NM_001042724<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)   |

MARAAALLPSRSPPTLLWPLLLLLLLETGAQDVRVQVLPEVRGQLGGTVLPCHELLPPVPGLYISLVTW  
QRPDAPANHQNVAAFHPKMGPSFSPKPGSERLSFVSAKQSTGQDTEAELQDATALHGLTVEDEGNYTC  
EFATFPKGSVRGMTWLRVIAKPKNQAEAQKVTFSQDPTTVALCISKEGRPPARISWLSSLDWEAKETQVS  
GTLAGTVTVTSRFTLVPSGRADGVTVTCKVEHESFEERALIPVTLVRYPPPEVSISGYDDNWYLGRTDAT  
LSCDVRSNPEPTGYDWSTTSGTFPTSAVAQGSQLVHAVDSLNTTFVCTVTNAVGMGRAEQVIFVRETP  
NTAGAGATGGIIGGIIAIIATAVAATGILICRQQRKEQTLQGAEEDEDLEGPPSYKPPTPKAKLEAQEM  
PSQLFTLGASEHSPLKTPYFDAGASCTEQEMPRYHELPTLEERSGPLHPGATSLGSPVPPGPPAVEDV  
SLDLEDEEGEEEEYLDKINPIYDALSYSSPSDSYQGKGFVMSRAMYV

**TRTRPLEQKLISEEDLAANDILDYKDDDDK**V

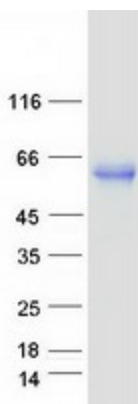
|                       |  |
|-----------------------|--|
| <b>Tag:</b>           | C-Myc/DDK  |
| <b>Predicted MW:</b>  | 54.4 kDa   |
| <b>Concentration:</b> | >0.05 µg/µL as determined by microplate BCA method   |
| <b>Purity:</b>        | > 80% as determined by SDS-PAGE and Coomassie blue staining  |
| <b>Buffer:</b>        | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol   |
| <b>Preparation:</b>   | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.                                     |
| <b>Note:</b>          | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| <b>Storage:</b>       | Store at -80°C.  |



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|--------------------------|--|
| <b>Stability:</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.  |
| <b>RefSeq:</b>           | <a href="#">NP_001036189</a>   |
| <b>Locus ID:</b>         | 5819   |
| <b>UniProt ID:</b>       | <a href="#">Q92692</a>   |
| <b>RefSeq Size:</b>      | 2869   |
| <b>Cytogenetics:</b>     | 19q13.32   |
| <b>RefSeq ORF:</b>       | 1614   |
| <b>Synonyms:</b>         | CD112; HVEB; PRR2; PVRL2; PVRR2  |
| <b>Summary:</b>          | 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] |
| <b>Protein Families:</b> | Druggable Genome, Transmembrane  |
| <b>Protein Pathways:</b> | Adherens junction, Cell adhesion molecules (CAMs)  |

### Product images:



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]).