

## Product datasheet for **MC212764**

### Cd226 (NM\_001039149) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Cd226 (NM\_001039149) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Cd226  
**Synonyms:** BC051526; DNAM-1; DNAM1; Pta1; TLISA1  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC212764 representing NM\_001039149  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGCTTATGTTACTTGGCTTTTGGCTATTCTTCATGTGCACAAAGATAGTTTTGAGATAGCAGCACCCCT  
CGGATAGCTACCTGTCTGCAGAACCTGGACAAGATGTCACACTCACTTGCCAGCTTCCAAGGACTTGGCC  
AGTGCAACAAGTCATATGGGAAAAGTCCAGCCCCATCAGGTAGACATCTTAGCTTCTGTAACTATCT  
CAAGAGACAAGATACACTTCAAAGTACCTAAGACAACAAGGAGCAACTGTAGCCAGGGGAGCATGAAGA  
GCATCCTCATCATTCCAATGCCATGGCCGCTGACTCAGGACTTTACAGATGTCGCTCAGAGGCCATTAC  
AGGAAAAAACAAGTCCTTTGTCATAAGGCTGATCATAACTGATGGTGAACCAATAAACATTTTATCCTT  
CCCATCGTTGGAGGGTTAGTTTCACTGTTACTTGTTCATCCTAATTATCATCATTTTCATTTTATATAACA  
GGAAGAGACGGAGACAGGTGAGAATCCACTTAAAGAGCCAGGGATAAACAGAGTAAGGTAGCCACCAA  
CTGCAGAAGTCTACTTCTCCATCCAGTCTACAGATGATGAAAAAGAGGACATTTATGTAACCTATCCA  
ACTTTCTCTCGAAGACCAAAACCAAGACT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001039149  
**Insert Size:** 663 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001039149.1</a></u> , <u><a href="#">NP_001034238.1</a></u>
<b>RefSeq Size:</b>	2148 bp
<b>RefSeq ORF:</b>	663 bp
<b>Locus ID:</b>	225825
<b>Cytogenetics:</b>	18 E4
<b>Gene Summary:</b>	Involved in intercellular adhesion, lymphocyte signaling, cytotoxicity and lymphokine secretion mediated by cytotoxic T-lymphocyte (CTL) and NK cell. Cell surface receptor for NECTIN2. Upon ligand binding, stimulates T-cell proliferation and cytokine production, including that of IL2, IL5, IL10, IL13, and IFNG. Competes with PVRIG for NECTIN2-binding. [UniProtKB/Swiss-Prot Function]