

## Product datasheet for **MC226487**

### Cd99I2 (NM\_001199349) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Cd99I2 (NM_001199349) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cd99I2
Synonyms:	AW548191; Mic2l1; Xap89
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC226487 representing NM_001199349 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGTGGCCAGGCTCACGGCTTTCCTCGTTTGCCTCGTTTTCTCCTTGGCCACCCTTGCCAGAGAGGAT  
ATGGAGACACAGATGGTTTTAATCTGGAGGATGCACTGAAAGAACTTCCTCAGTAAAGCAGAGATGGGA  
CCACTTCAGCACCAGACTAGGAGGCCAGTAACAACCAGAGCCCCAGCAAATCCAGCAGAGAGATGGGAC  
CATGTTGCCACTACTACAAGTGAAGGCCAGGAACAAGTACAGCACCATCAAATCCTATGGAAGTATGATG  
GGTTTGACTTGAAGATGCCTTGGATGATCGAAATGATCTAGATGGTCCAAAAAGCCAAGTGCAGGAGA  
AGCAGGAGGTTGGTCAGACAAGGATCTTGAAGACATCGTGAAGGTGGGGGATACAAACCTGACAAGAAT  
AAAGGCGGTGGTGGTTATGGCAGCAACGATGACCTGGATCTGGCATATCGACAGAACTGGCACCATTG  
CAGGTGTGGCCAGTGCCTTGGCTATGGCCCTGATTGGAGCTGTATCCAGCTACATCTCCTACCAGCAGAA  
GAAGTTTTGCTTCAGCATTACAGCAGGCCCTCAATGCAGACTACGTGAAGGGGGAGAACCTGGAAGCTGTT  
GTGTGTGAGGAGCCCCAAGTGACATACTCAAACAAGAAACGCAGTCTGCAGAACCCCCACCACCCGAGC  
CACCCCGATT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001199349
Insert Size:	714 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>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<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>NM_001199349.1, NP_001186278.1</u>
<b>RefSeq Size:</b>	3617 bp
<b>RefSeq ORF:</b>	714 bp
<b>Locus ID:</b>	171486
<b>UniProt ID:</b>	<u>Q8BIF0</u>
<b>Cytogenetics:</b>	X A7.3
<b>Gene Summary:</b>	<p>Plays a role in a late step of leukocyte extravasation helping cells to overcome the endothelial basement membrane. Acts at the same site as, but independently of, PECAM1. Homophilic adhesion molecule, but these interactions may not be required for cell aggregation.</p> <p>[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and it encodes the longer protein (isoform 1).</p>