

Product datasheet for MC218168

Fv1 (BC052897) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fv1 (BC052897) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fv1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>BC052897 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAATTTCCACGTGCGCTTGCTGGTTTCTCGAGCTGGCTCTTCAAACCTGAACCTGCCGAGGACTCTC
CGGATAATGACTCTCCGGATAATGACACTGTTAACCCATGGCGTGAGCTGCTGCAGAAGATAAATGTGGC
CGATCTCCCCGATTCATCCTTTTCGAGCGGTAAGGAACCTAATGACTCTGTGTACCATCTTTTGAACAT
TTCTGCAAGATTAGGGACTATGACGCAGTTGGCGAGCTGCTTCTGGCATTCTGGATAAAGTAACAAAGG
AAAGGGACCAATTCAGAGATGAAATTTCCAGCTCCGAATGCACATAAATGATCTAAAGGCTTCTAAGTG
TGTCTGGGGGAGACTCTTTTCTACCGCCACAGGATTGAAGTTGGGGAAAAACAGACTGAAGCCCTC
ATTGTGAGGTTAGCTGATGTGCAATCCCAGGTCATGTGTCAGCCTGCCCGAAAGTGTCTGCAGATAAGG
TGAGGGCACTGATTGGTAAAGAATGGGATCCGGTAACCTGGGATGGAGATGTGTGGGAGGACATAGATTC
TGAAGGGTCTGAGGAAGCTGAGTTGCCACTGTCTTGGCCTCTCCATCCTGTCTGAGGAAAGTGGTTAT
GCCTTGTCTAAAGAACGCACCCAGCAGGACAAAGCAGATGCCCTCAGATCCAGTCTTCAACATCCTTAG
TTACTTCTGAACCTGTCACCAGACCCAAGTCTCTGTCTGACCTTACAAGTCAGAAACACCGCCATACTAA
TCATGAACTCAATTCACTTGCTCACTCAAATCGCCAAAAGGCAAAGGAACATGCTAGGAAATGGATTTTA
AGGGTGTGGGATAATGGTGGGAGGCTCACAACTGGATCAGATTGAATTTCTCAGTTTAGTTCCTTTGA
GCCTTGATAGTGAGTTTAAATGTCATAGCCCGCACTGTTGAAGATAATGGTGTGAAGAGTTTGTGTTGATTG
GTTGGCTGAAGCATGGGTCCAGAGATGGCTACTACAAGAGAGCTGCAGTCGCCTGACACCCTGGAGTGG
TATTCTATTGAGGATGGGATTAAGGCTTAGGGAACCTGGAATGATAGAGTGGCTTTGTGTAAAAGCTA
CTTGTCCACAGTGGAGGGGCCGGAAGATGTACCCATCACGAGAGCTATGAGGATAACTTTTGTCCGGGA
AACTGTAGAGACTTGAAGAGCTTTGTATTTAGCCTCCTCTGTATAAAGGACATAACAGTGGGGAGCGTG
GCTGCTCAGTTGCATGATCTAATAAGAATTAAGTTTAAAGCCAACAGCAGCTACAAAACCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	BC052897
Insert Size:	1500 bp
OTI Disclaimer:	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).
Components:	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).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.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.
RefSeq:	<u>BC052897</u>
RefSeq Size:	2654 bp
RefSeq ORF:	1322 bp
Locus ID:	14349
Cytogenetics:	4 78.56 cM
Gene Summary:	Retroviral restriction factor that prevents infection by gammaretroviruses. Acts by interacting with the capsid protein ca after entry of the virus into the cell. This interaction presumably disrupt the capsid thereby inactivating the viral genome, making it unable to enter host nucleus and integrate into host genome.[UniProtKB/Swiss-Prot Function]