

Product datasheet for MC224753

Vcan (NM_001134474) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vcan (NM_001134474) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Vcan
Synonyms:	5430420N07Rik; 9430051N09; Cspg2; DPEAAE; hdf; NG2; PG-M; PG-M(V0); PG-M(V1)
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC224753 representing NM_001134474 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTTGATAAATGAAAGGCATCTTATGGATGTGCTCAACCTTATTACTAACCCATGCACTACATCAAG
CCAAAAATGAAACCAGCCACCTGTTAAAGGCTCTCTGTCTGGAAAAGTGGTCTACCTTGTCATTTTTT
AACCTTACCTACCTTACCACCCAATTACAACACGAGTGAATTTCTCAGAATCAAATGGTCTAAGATGGAA
GTGGACAAAAATGAAAAAGATATAAAGGAGACGACTGTCTTGGTGGCCAGAACGAAATATCAAGATTG
GTCAGGACTACAAGGGGCGAGTGTCCGTGCCTACACATCCCGATGATGTAGGTGATGCTTCCCTCACCAT
GGTCAAACCTCCGGGCTAGTGATGACGGCGTCTACCGATGTGATGTGATGATGATGGGATTGAAGACACTCAG
GACACCATGTCAGTGGCTGTGGATGGTGTGTTGTTTCACTACAGGGCAGCCACCAGCAGGTACACTCTGA
ACTTTGCCGCTGCTCAACAGGCTTGTGGATATCGGGGCGGTCTAGCAAGCCAGAGCAGCTGTTTGC
CGCCTATGAGGATGGATTTGAGCAGTGTGATGCAGGATGGCTGTCTGATCAAACCTGTCAGATATCCATA
CGGGCTCCCGAGAGGGCTGTTACGGAGACATGATGGGAAGGAAGGGTTCGGACCTATGGATCCGCT
CTCCCCAGGAAACCTATGATGTGATTTGTTATGTGGATCATCTGGATGGCGATGTGTTCCACACTGCTG
TCCCAGTAAGTTACCTTCGAGGAGGCCGAAGCAGAGTGTACAAGCAGGGATGCGAGGCTGGCGACTGTT
GGAGAACTTCAGGCAGCTTGGAGAAATGGCTTTGACCAATGCGATTACGGCTGGCTGTGGATGCCAGCG
TGCGGCACCCTGTGACTGTGGCCAGGGCCAGTGTGGAGGAGGTCTACTTGGGGTGAAGACCCTGTATCG
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AATATATCAGAGGCAACCACCATCGAAATGAATATCCTCGCAGAACTTCATCACCCAGTTTATCCAAAG
AACCACACATGGTACCTGACAGAGCTACACCAGTATTCCATTAGCCACCGAATTACCTATTTTTACCAC
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GTTTCACAGATTGAACAAATAGAAGTGGGCCCTTAGTAACATCCATGAAATCACAAATCATATTTCTC



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TCAAGGAATTGCCAGAAAAAACAACACCATATGAATCCACAGAAGTGACCCTGGAACACACGACTGA
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 CACCTGCAGCAGGGACCAAGTTCACCCTGACATAAATGTTTATATTATTGAGGTGAGAGAAAACAAGAC
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 CTTGTGCGAATGGTGCCACCTGTGTGGATGGTTTAAATACATTTAGATGTCTCTGTCTCCCAAGTTATGT
 TGGTGCACCTGTGAACAAGACTGAGACATGTGACTATGGCTGGCACAATTTCAAGGACAGTGTCTAC
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 CAATGACAAGATGTTTGAACATGACTTCCGCTGGACTGACGCGAGTGCAGTGCATATGAGAAGTGGAGA
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 AGTGGAAATGACGTCCCCTGCAATTACCACCTCACCTACACTTGCAAGAAGGGAACAGTTGCTTGGGCCA
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 AGATATCACTGCAAAGATGGTTTCACTCAGCGACACCTTCCAACATCCGGTGCCTAGGAAACGGGAGAT
 GGGCAATGCCTAAAATAACCTGCATGAACCATCTGCATACCAAAGGACTTATTCTAAGAAATACTTAAA
 AAATTCCTCATCCGCAAAGGACAATTCTATAAATACATCAAACATGAGCATCGTGGAGCCGGAGCGG
 CAGGAAACCAGGCGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001134474
Insert Size:	4848 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>NM_001134474.1</u> , <u>NP_001127946.1</u>
RefSeq Size:	7215 bp
RefSeq ORF:	4848 bp
Locus ID:	13003
Cytogenetics:	13 45.5 cM