

Product datasheet for **MC205079**

Vezt (NM_172538) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vezt (NM_172538) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Vezt
Synonyms:	A630071D13; A630071D13Rik; A1848282
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC056428
 CGTGCTGAGGCGGGTGGTATGGCGGAGAAGGATGACACCGGAGTTTGACGAAGAGGTGGTTTTGAGAAT
 TCTCCACTTTACCACTACCTACAGGATTTGGGACACACAGATTTTGGATATGTTCTTCTTCGTACACAA
 AACAGAAAAATGCTTGACAACAGAGGGACCTCAGCCGCCTCCACCAGAGTCTACAGAGACAAGGCAT
 CCTGTTGAAACTGACAGAAACCAAGAGCTGGACGTTTTCTCTCAGCACAGTAAGAAAGATGACTTA
 CTCCATAAGTTGGACACCGGGTTTTGGCTGGACTCACTGCATACCATCCTGCAGCAGGAAGTCTGGCTGC
 AAGAGGATGTGGAGCTGCTCGAGCTGTTGACGCCAGCATCCTGTCTGCGGGGCAGCCTCAACAGGAAAG
 TGGACACCTTCCAACGCTCTGCTCCCTGGCAACCCGAACACTTGGGATGTCTCGCTGCTGTTTGCCTTC
 ATTAGTTTGTCTCATCATGTTTCCACGCTGCTGGATTGTGCTCCTCCTGGCTGGTGTGGGAATAATTCTAT
 TTCTTTACTTGATCATAACGATTTTGAATTTAGGAGACAGCCAACTGCAATGACTCTGAAAAATA
 TAGGGTACGTTTGAAGACATGGCAGCCAAAGCCGAGCCTTACCAACCTTGTGAGAAAATCACTGCGT
 CTCATCCAAGAACTGAAGTCATTTCCAGGGGATTTACTCTGGTCACTGCTGCTTGTCTATTTAATAAGG
 CTGCACAGCATCCCGCCAGCATCTCATCGCCTTCGAAAGCCGTCTACAGGACCGTAAGGCCAACTT
 TCAAGCCGCAAGGCTAGTACCTTGTACATGCTGAAAACTACCCCTGAACTCTGAGAGTGACAATGTC
 ACCAACTACATCTGTGTGTACCTTTTAAAGGAGCTGGGGCTTGGACTCAGTGAAGACCAGATCTCAGAAG
 AGGAAGCTCGTAACCTGACAGATGGCTTACGCCTGCCTGAAAGTTTTGTTCCAGCTCTGGGTGGC
 ACAGAGTTCAGAGTTCTCAGACGCCTGGCCCTGTTACTTTCTACAGCGAATTCGCCTTCAGGGCCCTTA
 CTCACTGCTGCACTTCTGCCTCATCATCTCTGTGACGTGACTCAAGGTCTACCTCATGCTCACTCTG
 CCTGCTTGGATGAGCTGAAGCGCAGCTATGAGTTCTTCCGGTACTTTGAAACTCAGCACCAGTCACTCC
 CCAGCGCTTATCCAAGACTCCGCAAGTTCGAGGGAGCTGAGCAACGTCCACACAGCAGTCCGTAGCTTA
 CAGCTCCATCTGAAAGCACTACTGAATGAAGTAATAATTCTTGAAGATGAACTTGAAAAGCTCGTTGTA
 CTAAGAAAACACAAGAGCTGCTATCGGAGGCTTATCCGATACTAGAGCAGAAATAAAAGTATTGAACC
 ACACGTTACAGCCAGCAACAGTTGCTGGGAGGAAGCCATTTCTCAAGTGGATAAACTGCTCCGGAGGAAC
 ACAGATAAAAAAGGCAAGCCTGGAGTAGCCTGTGAGAACCACACTGCACCGCGGAGCCCTTGGTGC
 CAGCTCTACACATTGAGGACAGAGACCCATCCCTGAGGAGCAGGAATTGAAGCTTATGTGGATGACAT
 AGACATAGAAAAGTGAAGTCCGAAAGGACGATTTCTATCACTTGTCTCAGGAAGACAGAGAGACAGAAG
 CGCGAGCAGGAGGAGTCCAGGCGGGTGTGCAGGAGCTGAAGTCTGTGCTGGGATTTAAGGCTTCCGAGG
 CTGAGAGGCAGAGTGAAGCAGCTGCTGTTCACTGACCAGCTGTGTTGACATCCTTGTCTCCTGTAGA
 CCCAGTGAATCTGTAAGTAACTCAGAACCACCCATGAATTCAGATACAGAAAAAGTCAATAGTAATGCT
 ACTGAAGAGGAGACTAGTAAGCCCTGTGCCGGCACAAGGAAGACAGTAGGACTGAGTATGTGTGACA
 GCCAACAGAGGGGCCAAGCAAAGACACCTCTGCAGACACAGGCCTCCTCCTCCAGGAGCCGAGGAAAC
 CATGTGCCACCAGCATGAGAGTGAAGTCTCCTCAGGCTGCTGCTGCGGGGCCACTGCCCTCCG
 ACTCCCAGGGACACACTGCAACTCTCCATTAAGCAGAGGCTGGCTCGACTCCAGTTGCCACCAGAATTC
 CCTTCTCTGCTGGCTGGCTGCAGAAGTGGCCGCCCGGTCCCTGTCTTTACCACCATGCAGGAACAAAC
 TTTTGGCGACGAGGAGGAAGAAGCAGTGTGAAAGGCGGTGAAAAAGAGTGGAGAAAAATAAAAGCCA
 AGATGAAGCGATGGCCTTGATTGTTCTTTTACAAAAGTGTCTAGCTGCAAGACTGGAAGAGAAAATGA
 GTGTGTGTTTACTCTCTATAAGGCTACGGCGTGAATTTACAGGGTGAATACTGATTTGAAAACCTGACCT
 GAAACTAGTAGATACCTGTCTAGTCAGATCCTTTAGGCATAGGAGAGAAAGGTAAGGGACTTTTTAAAA
 AATAAATAAATAAACTGCTGTTTTATTTGTGGCAAACTGATAATCTTGGCAAATCTTTAAGTACTTTTA
 ATAAGACATGAATTTATCACTTTTTGCCAAAACCTTGTGCCACAAGGTAAGTGGGATTTGCTTCCC
 GAGCAGAAAACATTTAGAATGAGCCCTTTACTGTGCTTGCAGTGTGAACTGCAGCGGTGATGTTAAT
 ACATTGTTGCTACTTTATTTGTTTATACCACTCGTAAAACAAAGAGACAGGTTCTAAATAAAAGTATTT
 AATTACCACAAAAAATAAAAAAAAAAAAAAAAAA

Restriction Sites: Ascl-NotI
ACCN: NM_172538
Insert Size: 2343 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:	BC056428 , AAH56428
RefSeq Size:	2900 bp
RefSeq ORF:	2343 bp
Locus ID:	215008
UniProt ID:	Q3ZK22
Cytogenetics:	10 C2
Gene Summary:	<p>This gene encodes a transmembrane protein that is essential for the formation of adherens junctions. It is required for both the pre-implantation morphogenesis of a blastocyst and for the implantation process. The encoded protein is also a component of the ankle-link complex in cochlear hair cells, where it may effect resilience to sound trauma. It is also thought to be involved in dendritic spine morphogenesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2015]</p> <p>Transcript Variant: This variant (1) encodes isoform 1. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>