

Product datasheet for **MC220673**

Vps8 (BC032214) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vps8 (BC032214) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Vps8
Synonyms:	mKIAA0804, MGC38232
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC032214
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAAGGACTTAATTGTTTCATTTCCAAGATAAAAACTGCTGGAGAATGTGGAAGCCCTCATTGTCCACA
 TGGACATCACCAGCCTCGACATTCAGCAGGTGGTCTCATGTGTTGGGAGAATCGTCTGTATGACGCCAT
 GGTCTATGTCTACAACCGAGGCATGAATGAGTTTATCAGTCCGATGGAGAAGCTTTTCAAAGTCATCGCC
 CCACCTCTGAATGCAGGGAAGACTCTTACAGATGAGCAAGTTGTTATGGGCAACAAGCTTCTGGTGTACA
 TCAGCTGTTGCCTGGCAGGTCGTGCCTACCCTCTCGGTGACATTCCTGAAGATCTTGTTCCCTTGGTTAA
 AAACCAGGTTTTGAGTTTCTGATTGCGCTGCATTCTGTAGAAGCATCCTCCGAGGAAGAAGTCTATCCT
 TATGTTCCGACTTTGCTACATTTTGACACAAGAGAATTTCTGAATGTGCTGGCACTGACCTTTGAAGACT
 TAAAAATGATAAGCAAGCTGTGAATACCAGCAGCGCATTGTGGATATTTTATTGAAGTTATGGTGA
 GAATTCAGATTTTACCCGTCACAAGTGGGGTGTCTTTACGTTCTCGCTCGCTCAGCTCGCAAAGCCT
 GACAATACCTTGTGGTGAACAGGACCCTTTGATCAAGTCTCGAGTTCTCTGTAGCCCCGACGATG
 ACTCCCGCCACTCTGAAAGACAGCAGGTCCTTTAGAATTGCTGCAGGCCGGAGGCATAGTTCAATTTGA
 AGAGAGTCGGCTCATCCGCATGGCAGAAAAGGCAGAATTCATCAAATCTGTGAATTTATGTATGAGCGG
 GAACACAGTATGACAAGATCATTGACTGCTACCTGCACGACCCATTGAGAGAGGAAGAAGTCTTCAATT
 ATATCCACAACATCTTATCTATTCCTGGTCACAGTGTGAGGAGAAGCAGTCTGTGTGGCAGAAAAGCAAT
 GAATCATATGGAGAACTTGTGTCCCTGAAGCCCTGCAAAGCCGAGAGCTGGTGGCTACTACTTTTCT
 GAGCAGATCGAAGTGGTATTGGACAGCTTCAGAACAGCTTTTGGCTTTTCAAATTTTGGAGAGTCTTC
 TTGATCCAAGGGAAGGTGTTTCATGTCAATCAGGAGTTGCTGCAGATCCCGCCTCACATTACAGAGCAGTT
 CATTGAGCTGCTGTGCCAGTTCAGTCTGACCAAGTCATACAGACTGCAGGTCCTTGAGTGTACCGT
 CTGGAGGAAACGATTAGATTACACAAAAGTATCAACTCCATGAAGTCACTGCGTATCTGCTGGAGAAGA
 AAGGGGATGCACACGGCGCCTTCTGCTGCTGCTGGAGAGACTGCAGAGCAGGCTGCAAGAGATGACACG
 GCAGGACGAAAATACCAAGGAGGACATCCTGCTGAAAGGTGTTGAAGATACCATGGTAGAGACAATTGCT
 CTTTGCCAGAGAAATTCACAGAATTTGAATCAGCAGCAACGAGAGGCTCTATGGTTTCCACTGTTGGAGG
 CAATGATGACACCACAGAAGCTGTCCAGCTCGGCTGCTGCTCCTCATCCGCACTGTGAAGCTCTGAAGTC
 TTTGACCATGCAAGTCTAACAGCATGGCAGCGTTCATCGCCCTCCCGTCCATCCTACAGAGAATCTTG
 CAGGACCCAAATTTATGGAAAAGGAAAGCTTGGAGAAATCCAGGGCCTTATTCTGGGGATGCTGGACACCT
 TCAACTATGAGCAAACCTTGTAGAAAACAGCCAGCCTCCTGAACCAAGATCTCCATTGGTCACTGTG
 TAACCTGAGAGCATCAGTATCCAGAGGACTCAATCCCAAGCAGGATTACTGTTCTATATGTTTACAGCAG
 TACAAAAGACGCCAAGAAATGGCTGATGAAATTTGTCTTTAGCTGTGGCCATTTGTATCATTCTTCT
 GTCTCCAAAGTAAGGAATGCACCCTAGAGGTTGAGGGTGCAGCAGATGGGCGTGTACAAAATGCAGCTC
 AAGTAATAAAGCGGGCAAACCTCAGTAAAAATCCTTCTGAAAACAAGAAAGGACGGATAACCTCGTCTCAG
 GTAAAAATGTGCGCCCTCGTATCATCAGTCCAAAGGGATCCTCCCGCCAGGAAGGCAAACCTCAGAACCTG
 TTCTGGACCCACAGCAAATGCAAGCCTTTGATCAGCTCTGCCGTCTCTACAGAGGAAGTTCTAGGTTGGC
 TCTCCTTACGGAGCTCTCCAGAACCGAGGTGGCGACAGCTGCAGGCCGTTTGTGGCCCCAGAGTGGG
 CCTGCTTTCAACAGCGTCTTCCAGAAGGAGAATTCAGCTGCAGCTCGCGCCTCCGCTGTGGCTGAAG
 ACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: BC032214
Insert Size: 2385 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:	BC032214 , AAH32214
RefSeq Size:	3023 bp
RefSeq ORF:	2384 bp
Locus ID:	209018
Cytogenetics:	16 B1
Gene Summary:	Plays a role in vesicle-mediated protein trafficking of the endocytic membrane transport pathway. Believed to act as a component of the putative CORVET endosomal tethering complexes which is proposed to be involved in the Rab5-to-Rab7 endosome conversion probably implicating MON1A/B, and via binding SNAREs and SNARE complexes to mediate tethering and docking events during SNARE-mediated membrane fusion. The CORVET complex is proposed to function as a Rab5 effector to mediate early endosome fusion probably in specific endosome subpopulations. Functions predominantly in APPL1-containing endosomes (By similarity).[UniProtKB/Swiss-Prot Function]