

Product datasheet for **MC220893**

Vps8 (BC023914) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vps8 (BC023914) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Vps8
Synonyms:	mKIAA0804, MGC38232
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >BC023914
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGAGATCTCGAAGTCCAGCTGGTCTACAACAGCAGCCACTTCAAGTCATTGGCCACGGGAGGAAATG
 TTAGCCAGGCCCTGGCTTTGGTTGGAGAGAAGGCTTGGCTACCAATCCATCAGTAGCTATGGAGGACAGAT
 CTTCTATCTGGGGACCAAGTCTGTGTACGTGATGATGCTGAGAAGCTGGAGGGAGAGGATGGACCATCTC
 CTGAAACAGGATTGCCTTACGGAAGCCTTGGCCCTCGCGTGGTCTTTTCATGAAGGAAAGGCAAAAGCAG
 TAGTGGGGCTATCGGGGATGTCAGCAAGAGGAAGGCTGTTGTTGCTGATCGGATGGTAGAGATCCTGTT
 CCATTATGCAGATCGGGCTCTGAAAAAGTGCCCGGACCAGGGGAAAAATCCAAGTATGGAGCAACACTTT
 CAGGATACGGTGCAGTCATAGTGGACTACTGCCTTCTGCTCCAGCGAAAGGATCTTCTATTTGGTCAA
 TGTACGACAAATTAAGTAAAAATCCGTCGAAAAGGCGTGTGTTGGAGTGCCTTGAGCCATATATCTT
 AAGTGATAAACTGGTGGGATTACTCCCAGGTCATGAAGGACTTAATTGTTCAATTCGAAGATAAAAA
 CTGCTGGAGAATGTGGAAGCCCTCATTGTCACATGGACATCACCAGCCTCGACATTCAGCAGGTGGTCC
 TCATGTGTTGGGAGAATCGTCTGTATGACGCCATGGTCTATGTCTACAACCGAGGCATGAATGAGTTTAT
 CAGTCCGATGGAGAAGCTTTTCAAAGTCATCGCCACCTCTGAATGCAGGGAAGACTCTTACAGATGAG
 CAAGTTGTTATGGGCAACAAGCTTCTGGTGTACATCAGCTGTTGCCTGGCAGGTCGTGCCTACCCTCTCG
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 TTTCTGAATGTGCTGGCACTGACCTTTGAAGACTTTAAAAATGATAAGCAAGCTGTGGAATACCAGCAGC
 GCATTGTGGATATTTTATTGAAGTTATGGTGGAGAATTCAGATTTTACCCCGTCAAGTGGGGTGTCT
 CTTTACGTTCTCGCTCGTCAAGCTCGCAAGCCTGACAATACCTTGTGTTGTGAACAGGACCTCTTTGAT
 CAAGTCTCGAGTTCCTCTGTAGCCCGACGATGACTCCCAGCCTCTGAAAGACAGCAGGTCTTTTAG
 AATTGCTGCAGGCCGGAGGCATAGTTCAATTTGAAGAGAGTGGCTCATCCGCATGGCAGAAAAGGCAGA
 ATTCTATCAAATCTGTGAATTTATGATGAGCGGGAACACCAGTATGACAAGATCATTGACTGCTACCTG
 CACGACCCATTGAGAGAGGAAGAAGTCTTCAATTATATCCACAACATCTTATCTATTCTGGTACAGTG
 CTGAGGAGAAGCAGTCTGTGTGGCAGAAAGCAATGAATCATATGGAGGAACCTGTGTCCCTGAAGCCCTG
 CAAAGCCGACAGCTGGTGGCTACTCACTTTTCTGAGCAGATCGAAGTGGTTCATTGGACAGCTTCAGAAC
 CAGCTTTTGTCTTTCAAATTTTGGAGGAGTCTTCTTGTCCAAGGGAAGGTGTTCAATGCAATCAGGAGT
 TGCTGCAGATCCCGCCTCACATTACAGAGCAGTTCATTGAGCTGCTGTGCCAGTTCAGTCCCTGACCAAGT
 CATAACAGACACTGCAGGTCTTGTAGTGTACCTGCTGGAGGAAACGATTGAGATTACACAAAAGTATCAA
 CTCCATGAAGTCACTGCGTATCTGCTGGAGAAGAAAGGGGATGCACACGGCGCCTTCTGCTGCTGCTGG
 AGAGACTGCAGAGCAGGCTGCAAGAGATGACACGGCAGGACGAAAATACCAAGGAGGACATCCTGCTGAA
 AGGTGTTGAAGATACCATGGTAGAGACAATTGCTCTTGGCAGAGAAAATCACAGAATTTGAATCAGCAG
 CAACGAGAGGCTCTATGGTTTCCACTGTTGGAGGCAATGATGACACCACAGAAGCTGTCCAGCTCGGCTG
 CTGCTCCTCATCCGCACTGTGAAGCTCTGAAGTCTTTGACCATGCAAGTCTTAAACAGCATGGCAGCGTT
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 ATCCAGGGCCTTATTCTGGGGATGCTGGACACCTTCAACTATGAGCAAACCTTGTAGAAAACAACAGCCA
 GCCTCCTGAACCAAGATCTCCATTGGTCACTGTGTAACCTGAGAGCATCAGTATCCAGAGGACTCAATCC
 CAAGCAGGATTACTGTTCTATATGTTTACAGCAGTACAAAAGACGCCAAGAAATGGCTGATGAAATTATT
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 GTCAGACGAGATGGGCGTGTACAAAATGCAGCTCAAGTAATAAGCGGGCAAACTCAGTAAAAATCCTTC
 TGAAAACAAGAAAGGACGGATAACCTCGTCTCAGGCAAACTCAGAACCTGTTCTGGACCCACAGCAAATG
 CAAGCCTTTGATCAGCTCTGCCGTCTACAGAGGAAGTCTAGGAGAGCAAGCCGGAAGCCTATTTCT
 CCTTCAGAAGGCCATCCTGTATATCTGAGACTGCCAAGCTGCCCTACAGCCAGCCCCCCTCCACATC
 TGCATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	BC023914
Insert Size:	2877 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:	BC023914 , AAH23914
RefSeq Size:	3383 bp
RefSeq ORF:	2876 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]