

## Product datasheet for **MC206340**

### Vash2 (BC024141) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Vash2 (BC024141) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Vash2
Synonyms:	MGC38004
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC024141

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ATGGAATGAGCGACGACCCCTCAACCCCAACAGCCTTCTGCAGCAATGAGGCCGGCCGAGGCCCGGT
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CCCTGATCCCGCGGTGCGGCGTCTCCGCCCTTGCCGTGTGCCCTCATCATGACCGGCTCTGCCG
CCGACACTCACCGCTGCCCCACCCAAAATCACCAAAGCACCCGATCCCGGAGCAGCCACGCGGGCC
CGTGAGCCTCGCCACCAGCGGGGCTCCGAGGAGGAGACAAAGACGGCGGGGTGCTGTTCCACGTGAAC
AAGAGCGGGTTCCCGATCGATAGCCACCTGGGAGCGGATGTGGCTGCACGTTGCCAAGTCCACCCCA
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AAACTACAGGTTGCCATGACGATCCCAGACTGGCTCCAGGCCATCCAGAATTACATGAAGACTCTACAA
TACAACCACACAGGGACCCAGTCTTTGAAATCAGGAAAATGCGACCTCTGAGCGGGTTAATGGAGACAG
CGAAGGAGATGACCCGAGAATCCTTGCCTATCAAATGCCTGGAGGCAGTCATCCTGGGCATCTATCTCAC
CAATGGGCAGCCTTCCATTGAGCGGTTCCCTATCAGCTTTAAAACCTACTTCTCAGGAACTACTTTCAC
CATGTCGTGCTGGGGATTTACTGCAACGGTTACTACGGTTCACTGGGCATGAGCCGAAGGGCTGAGCTGA
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CCTGCACACGGTTAAGAAGGTCAAGATCGGGCTGTACGTCCCCACGAGCCGCACAGCTTCCAGCCCATC
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CATTTTGGCATCAGATATGCAATCTTAATGAGTTTTTTATATTCTATTTGATTGTTTCTATAGGGATC
TCGATGGTTTGGTGGGGTTTTTTGTTTTTTTTCTGGTTCACATGTGAGATGAGATTTAAGTTGTTAT

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RefSeq Size: 3782 bp

RefSeq ORF: 873 bp

Locus ID: 226841

Cytogenetics: 1 H6

**Gene Summary:** Tyrosine carboxypeptidase that removes the C-terminal tyrosine residue of alpha-tubulin, thereby regulating microtubule dynamics and function (PubMed:29146868). Acts as an activator of angiogenesis: expressed in infiltrating mononuclear cells in the sprouting front to promote angiogenesis (PubMed:19204325).[UniProtKB/Swiss-Prot Function]