

Specifications:

Gene:	<i>mVash2</i>
Accession:	NP_659128.2
Insert size:	1081bp
Concentration:	10µg at 0.2µg/µL

mVasohibin-2 cDNA Plasmid

Vash2 vasohibin 2 [*Mus musculus* (house mouse)]

Also known as: B130052G07Rik

Summary:

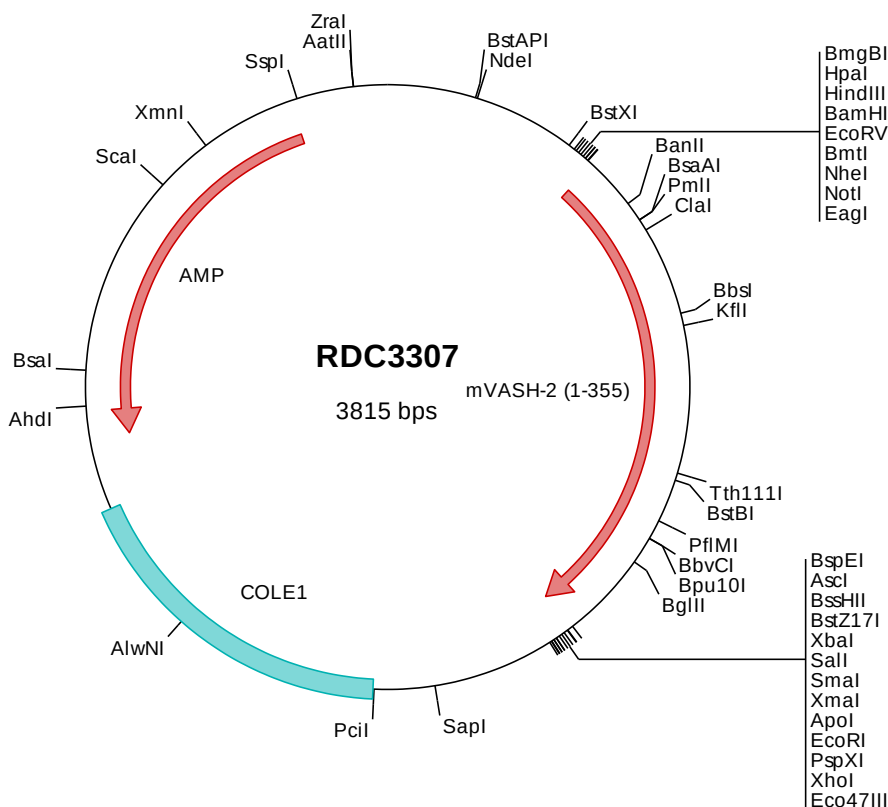
VASH2 belongs to the transglutaminase-like superfamily. It is a tyrosine carboxypeptidase that removes the C-terminal tyrosine residue of alpha-tubulin, thereby regulating microtubule dynamics and function.

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.



> RDC3307 Plasmid DNA Sequence

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1   tcgcgcgctt cggatgatgac ggtgaaaacc tctgacacat gcagctcccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg ctttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gttgtgaaata
201  ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctcgcg aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
301  tacgccagct ggcgaaaagg ggatgtgctg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggcgcgcacc atgacccggt ctgccgcgca cactcacgcg tgccccacc ccaaaatcac
501  caaaaggcac cgatccccga gcagccacgc gcggcccgct agccctcgca ccagcggggg ctccgaggag gaggacaaag acggcggggt gctgttccac
601  gtgaacaaga gcgggttccc gatcgatagc cacacctggg agcggatgtg gctgcacgtt gccaaaggtc accccagagg gggagagatg gtaggcgcca
701  tcagaaacgc tgcccttcctg gctaagcctt caattcccga ggtcccaaac tacaggttgt ccatgacgat ccagactggg ctccaggcca tccagaatta
801  catgaagact ctacaataca accacacagg gaccagtttc tttgaaatca ggaanaatgcg acctctgagc ggggttaatg agacagcgaa ggagatgacc
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> RDC3307 Translated Insert Sequence

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201  ngyyglgms rraelmdkpl tftrtlslvlf dfedsykkyl htvkvvkigl yvphephsfq piewkqlvln vskmlradir kelekyardm rmkilkpasa
301  hspqtvrsg kslsprrrqa spprrlgrrd kspaltekv adlgtlnevg yqiri

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