

Product datasheet for **MC200194**

Svbp (NM_024462) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Svbp (NM_024462) Mouse Untagged Clone
Tag: Tag Free
Symbol: Svbp
Synonyms: 2410005K17Rik; AI851162; Ccdc23
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC002274 sequence for NM_024462
CGGACGCGTGGGCGGGAAGGGGGAGCTAGGGTGAACCCCGCTGGGGCTTGTCTACGACGTGGCGGA
GGCCGTGAGCCCGAGCCGGGTCAGAGCTAACCAAGAAGCATTAGAAGCCAAACCATGGATCCACCTGC
CCGAAAAGAAAAATCCAAGTTAAAGAACCAGCCTTCAGAGTGGAGAAGGCTAAGCAGAAATCTGCCAG
CAGGAGCTGAAGCAAAGACAGAGAGCAGAGATCTATGCTCTAACAGAGTCATGACGGAGCTGGAGCAGC
AGCAGTTTGTAGTTCTGTAAGCAGATGCAGCCGCTGGGGAGTGAAGCCAGCTGCATCCCGGCAGAG
GAACTGGTGCCTTGTCTGTGAGCTATTCCCACTGTTACCCTGAGCTGGCCCAATGGAGCCTTAC
AGAACTAATCAGGACTTGTGGAGACCTCTGCACTGAACTTCTATAAGTAACTCCACCACACTGGTTTC
TACTCTCAGAACTGCCCCAGTGTCTGCTGGGTAGACTTTTCATCTAAGACAGTGGATTTTTCAAAAAGAC
CTTTTTTCTATTGTTTGAGAAAAATCATTGTTTCTGTGAACTGCGTGTCTCCCTAAAAATAATAAAA
TTCAGAAATGTTAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_024462

Insert Size: 201 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).



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Reconstitution Method:

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: [BC002274](#), [AAH02274](#)

RefSeq Size: 659 bp

RefSeq ORF: 201 bp

Locus ID: 69216

UniProt ID: [Q99LQ4](#)

Cytogenetics: 4 D2.1

Gene Summary: Enhances the tyrosine carboxypeptidase activity of VASH1 and VASH2, thereby promoting the removal of the C-terminal tyrosine residue of alpha-tubulin (PubMed:29146868). Also required to enhance the solubility and secretion of VASH1 and VASH2 (By similarity). [UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) represents use of an alternate promoter and 5' UTR and uses a downstream start codon, compared to variant 1. The resulting isoform (b) has a shorter N-terminus, compared to isoform a.