

Product datasheet for **RN200055**

Svbp (NM_001038994) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Svbp (NM_001038994) Rat Untagged Clone
Tag: Tag Free
Symbol: Svbp
Synonyms: Ccdc23; RGD1311232
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN200055 representing NM_001038994
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACTGCTGCCATTGTGCAGGAACTGAGACTCAGAAGTGAGGAGACTCGACTAGGACCGCACAGCA
AGGTCAGAGCTGATCAGGAAGCATTGGAAGCCAAACCATGGATCCACCTGCCGGAAAGAAAAATCCAA
AGTTAAAGAACCTGCCTTCAGAGTGGAGAAGGCTAAACAGAAATCTGCCAGCAGGAGCTGAAGCAAAGA
CAAAGAGCAGAGATCTATGCTCTCAACAGAGTCATGACGGAGCTGGAGCAGCAGCAGTTTGATGAGTTCT
GTAAGCAGATGCAGCCCCCGGGAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001038994
Insert Size: 309 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: [NM_001038994.2](#), [NP_001034083.1](#)

RefSeq Size: 788 bp

RefSeq ORF: 309 bp

Locus ID: 362578

UniProt ID: [Q4KLG3](#)

Cytogenetics: 5q36

Gene Summary: Enhances the tyrosine carboxypeptidase activity of VASH1 and VASH2, thereby promoting the removal of the C-terminal tyrosine residue of alpha-tubulin. Also required to enhance the solubility and secretion of VASH1 and VASH2.[UniProtKB/Swiss-Prot Function]