

Product datasheet for MR202852

Vstm2a (NM_145967) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vstm2a (NM_145967) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Vstm2a
Synonyms:	Vstm2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR202852 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGGATCTTTTTGGCGTCTGTTGGATTTATGTTCTTTCCGTGTTATATGTACAACAAGGGCTTTCTT
CTCAAGCAAAATTTACCGAGTTGCCGAGAAATGTGACTGCTACCGAAGGGCAAAATGTGGAGATGTCCTG
TGCTTTCCAAAGCGGCTCTGCTTCAAGTGTACCTGGAGATCCAGTGGTGGTTCCTTCGGGGCCAGAGGAC
CTGGAGCAAGGCACGGAGGCTGCAGGCTCGCAGGTGGAGCTTTACCCGACAGAGACCCGGACAACGATG
GGACCAAGATTAGTACAGTGAAAGTCCAAGGCAATGATATCTCCACAAGCTTCAGATATCCAAAGTGAG
AAAAAAGGATGAAGGTTTATACGAGTGCAGGGTACTGACGCTAACTACGGGGAGCTTCAGGAACACAAG
GCCCAGGCCTATCTGAAAGTCAATGCCAACAGCCATGCTCGGAGGATGCAGGCCTTTGAAGCCTCACCTA
TGTGGCTGCAAGACACGAAGCCTCGAAAGAACGCATCATCGGTGGTTCACAGCAGCGTCCACAACCTGTC
CAACCAACGAATGCACTCCACCTCCAGCCCTCAAGCGGTAGCCAAAATCCCAAGCAAAGTCCACAATCA
GGTGCAGGATAGCTACAAGCCATGGACTTTCTGTCTGCTTCTGTTTGTGGCTTTGTGAAGGGTGCTT
TGCTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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_145967.1](#), [NP_666079.1](#)

RefSeq Size: 3629 bp

RefSeq ORF: 711 bp

Locus ID: 211739

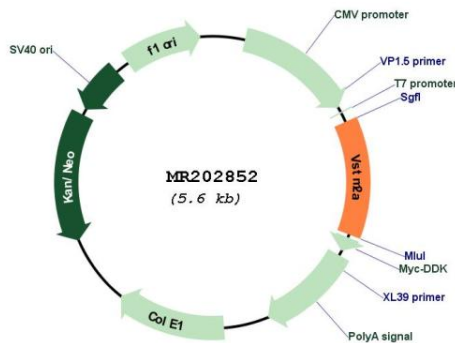
UniProt ID: [Q8R0A6](#)

Cytogenetics: 11 A2

MW: 25.7 kDa

Gene Summary: Plays a role in the regulation of the early stage of white and brown preadipocyte cell differentiation. Promotes adipogenic commitment of preadipocytes by increasing gene expression of the transcription factor PPARG in a BMP4-dependent signaling pathway. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR202852