

## Product datasheet for **MC216878**

### Stk33 (NM\_054103) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Stk33 (NM_054103) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Stk33
Synonyms:	4921505G21Rik; AW061264
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC216878 representing NM\_054103  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCTGACCCAGCTTGAATGACAACCCTACAGCATGCCCTCACTGTGCATCCTCTCAGGCTGGCCTAC  
 TGTGTGTATGTCCAGCAGGCAAGTCTCCAGTCTGGTGGTGGAAATGTCACAGACATCGAGTATTGGTAG  
 TACAGAATTTTTGCTTCAAGAAGAAAAAGGAAAGAAATACCAGCAGAGAATCTTCTCTAAAAGAT  
 TTGTCCATAAGAACTTCAAATGTGGAGAGAAAACCTCAGGCACAATGGAGTCGGAGCAATGTCACAGTAG  
 GAAAAATCCACACATAAGAATGGACGATGGAGCAGGTATCGAGGAATCTATACCTTTGGAAGAATATT  
 GGGACAGGGGAGCTTTGGAATGGTCTTTGAAGCTATAGACAAGGAAACAGGAGCTAAGTGGGCAATTAA  
 AAAGTGAATAAAGAAAAGGCTGGAAGTTCTGCAATGAAGCTACTGGAGCGGGAGGTGAGCATCCTGAAGA  
 CTGTCAACCATCAACACATCATCCACTGGAACAAGTGTGAGTGCCTCAGAAAATGTATCTCGTGAT  
 GGAGCTTTGTGAGGATGGAGAACTCAAAGCAGTTATGGATCAAAGAGGGCACTTCTCAGAGAACGAGACA  
 AGGCTGATAATCAAAGTCTTGATCAGCCATCGCATATCTTCATAACAAGGATATAGTGCACAGAGATC  
 TAAAGCTGAAAAACATAATGGTTAAAAGCAGCTTTATAGATGATAACAATGAAATGAACTTAAACATAAA  
 GGTGACTGATTTTGGCTTGTCTGTGCAGAAGCATGGCTCCAGGAGTGAAGGCATGATGCAGACTACATGT  
 GGGACTCCTATCTATATGGCACCAGAGGTCAATGCCATGACTACAGCCAGCAGTGTGACATTTGGA  
 GCATAGGTGTCAATGTTCACTTTACTGTGTGGAGAGCCACCCTTTTGGCAAATTCAGAAGAAAAGCT  
 CTATGAATTAATAAAAAAGGGAGAAGTACGATTTGAAAATCCAGTCTGGGAATCTGTAAGTATTCTGCA  
 AAAAATACTTTGAAACAACATCAAGAGTAGATCCTGCTCACAGAATCACAGCTAAGGAACTTCTAGATA  
 ACCAATGGTTGACAGGCAATACCCTTTCTCAGCAAGACCAACCAATGTATTAGAAATGTAAGAAATG  
 GAAAAATAACCCAGAAAGTGATGAGGAGACCAACACAGATGAGGAGACTGAGCAGAGCGCTGTCTACAGT  
 CCATCTGCAAAACACAGCAAAGCAGCCACCAATGCAGCCAAGAAGCCTGCTGCAGAGAGTGTGGCATGA  
 CCTCTTCAAACATCGTCCAGCAAACCTGTCTGCTGAAAGCAAAGCAGAACCAGAGAAAAGCTCCGA  
 GACTGTAGGCCATGCATCAGTGGCTAAAACCACTCTGAAATCCACTACCTTGTTCGAGGCAAGAAAAGG  
 CTCTAA

**ACGGCT**ACGGCGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_054103

**Insert Size:** 1476 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).

**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\\_054103.1](#), [NP\\_473444.1](#)

**RefSeq Size:** 2402 bp

**RefSeq ORF:** 1476 bp

**Locus ID:** 117229

**UniProt ID:** [Q924X7](#)

**Cytogenetics:** 7 57.21 cM

**Gene Summary:** Serine/threonine protein kinase which phosphorylates VIME. May play a specific role in the dynamic behavior of the intermediate filament cytoskeleton by phosphorylation of VIME. [UniProtKB/Swiss-Prot Function]