

Product datasheet for **RG203698**

USP33 (NM_201626) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	USP33 (NM_201626) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	USP33
Synonyms:	VDU1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG203698 representing NM_201626
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGACAGGATCAAATTCACACATAACGATATTAACCTTAAAGGTGTTACCTCATTGTTGAAAGTCTTGGGA
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 ATTTGAAGACCTGGTTTTGATGCTGCCTCAGAACATTTGGGATAACCTATATAGCAGGTATGGTGGAGGAC
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 AACTGAATTGAAATTTTTATTCCGGTAAAAAAG

ACCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG203698 representing NM_201626
 Red=Cloning site Green=Tags(s)

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MTGSNSHITILTLKVLPHFESLGKQEKIPNKMSAFRNHCPHLDSVGEITKEDLIQKSLGTCQDCKVQGPN
LWACLENRCSYVGCESQVDHSTIHSQETKHYLTVNLTTLRVWCYACSKVFLDRKLGTPSLPHVRQPH
QIQENSVDQFKIPSNNTTLKTPLVAVFDDLDIEADEEDELRRAGLTGLKNIGNTCYMNAALQALSNCPLT
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DLLHEELKEQVMEVEEDPQTITTEETMEEDKSQSDVDFQSCESCNSDRAENENGSRCFSEDNNETTMLI
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TCDRVSVTLETFQDLSLPIPGKEDLAKLHSSSHPTSIVKAGSCGEAYAPQGWIAFFMEYVKSFWGVPVVT
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IEDLVLMPLQNIWDNLYSRYGGGPAVNHLIYICHTCQIEAEKIEKRRKTELEIFIRVKK
  
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TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI

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_201626.3](#)

RefSeq Size: 2956 bp

RefSeq ORF: 2487 bp

Locus ID: 23032

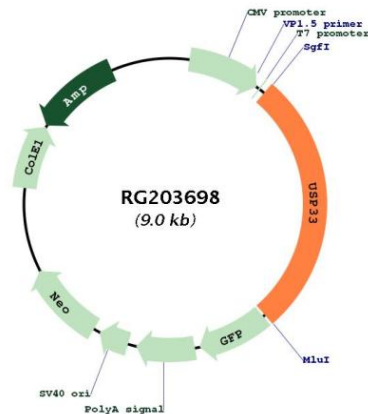
UniProt ID: [Q8TEY7](#)

Cytogenetics: 1p31.1

Protein Families: Druggable Genome, Protease

Gene Summary: This gene encodes a deubiquinating enzyme important in a variety of processes, including Slit-dependent cell migration and beta-2 adrenergic receptor signaling. The protein is negatively regulated through ubiquitination by von Hippel-Lindau tumor protein (VHL). Alternative splicing results in multiple transcript variants and protein isoforms. [provided by RefSeq, Jun 2012]

Product images:



Circular map for RG203698