

Product datasheet for **MC226059**

Vps25 (NM_001284412) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Vps25 (NM_001284412) Mouse Untagged Clone
Tag: Tag Free
Symbol: Vps25
Synonyms: 1110020N13Rik; AW107467; D11Wsu68e
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC226059 representing NM_001284412
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCGATGAGTTTCGAGTGGCCGTGGCAGTACCGCTTCCCGCCCTTCTTACGTTACAGCCGAACGTGG
ACACCCGGCAGAAGCAGCTGGCCGCTGGTCTCTCTGGTTCTGTCTTCTGCCGCTGCACAAACAGTC
CAGCATGACGGTGATGGAAGCCAGGAGAGCCCGCTTTTCAACAACGTC AAGCTACAGCGGAAACTTCCT
GTGGAGTCAATTCAGATTGTATTAGAAGAACTGAGAAAGAAAGGGAACCTCGAGTGGTTGGATAAGAATA
AGTCTAGCTTCTGATCATGTGGCGGAGGCCAGAAGAATGGGGGAACTCATTTACCAATGGGTTTCCAG
GAGTGGCCAGAATAACTCTGTGTTACTCTGTATGAACTGACGAGTGGGGAAGACACAGAGGATGAAGGA
ATGCCAGGAATTGTGAGGCACAGCTGCAGCAGTGCACACAGCATACAAATAGATTATCCTGGCTTTGGA
AGTCTCAGCTTCTGGCTCAGCCACAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001284412
Insert Size: 519 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).



[View online »](#)

OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<ol style="list-style-type: none">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:	<u>NM_001284412.1</u> , <u>NP_001271341.1</u>
RefSeq Size:	1259 bp
RefSeq ORF:	519 bp
Locus ID:	28084
Cytogenetics:	11 64.48 cM
Gene Summary:	<p>Component of the ESCRT-II complex (endosomal sorting complex required for transport II), which is required for multivesicular body (MVB) formation and sorting of endosomal cargo proteins into MVBs. The MVB pathway mediates delivery of transmembrane proteins into the lumen of the lysosome for degradation. The ESCRT-II complex is probably involved in the recruitment of the ESCRT-III complex. The ESCRT-II complex may also play a role in transcription regulation, possibly via its interaction with ELL (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) uses alternate splice junctions at the 5' ends of two different exons compared to variant 1. The resulting isoform (3) lacks an alternate internal segment and has a shorter and distinct C-terminus compared to isoform 1.</p>