

## Product datasheet for **MC216507**

### Upf3b (NM\_026573) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Upf3b (NM_026573) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Upf3b
Synonyms:	5730594O13Rik; AI317193; AW541158; RENT3B; UPF3X
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC216507 representing NM\_026573  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAAGGAAGAAAAGATCATAGGCCTAAGGAGAAACGAGTGACCCTGTTTACGCCCGAGGGCGCCACAG  
 GCGGCTGTATTGGCGCTACTGCCGAAGGCGCCAAGGGGACGATAGGCAGGATCGCAACAGGGACAAGAA  
 AGAAGCTTTGAGCAAGGTGGTAATTCGAAGATTACCTCCCACTTTGACCAAGGAACAGCTTCAGGAACAT  
 CTTCAACCTATGCCTGAGCAGATTATTTTGTAGTTTTTTCTAATGATACTAGCCTTTATCCTCATATGT  
 ATGCCAGAGCATATCAACTTTAAAAACCAAGAAGACATTCTTTTATTCAGGGACCGATTTGATGGCTA  
 TGTATTCCTTGACAATAAGGGTCAAGAATATCATGCTATAGTAGAATTTGCACCATTTCAAAAAGCTGCA  
 AAAAAGAAGATTAAGAAAAGAGATACAAAAGTTGGGACTATCGAGGATGATCCAGAATACAGAAAATTTT  
 TGGAGAGTTATGCCACAGACAATGAGAAAATGACATCTACTCCAGAGACATTGCTGGAGGAAATGAAGC  
 CAAAATCGAGAATTAATAGCTAAAAGGACAACGCCCTTTTGTAGCTTCTGAAGAACAAGCAAAGAATG  
 AGAGAAGAAAAGAGAGAAGAAAAGGAGACGGGAAATAGAGAGGAAAAGGCAAAGAGAAGAGAGAGAA  
 GAAAATGGAAAAGAGAGGAGAAAACGAAAAGAAAAGATATAGAAAACCTAAAGAAGATAGAAGAATTCC  
 AGAAAAGGAGAAAATAAGGGATGAACCAAAGATTAAGTTGCTCAGGAAACCGGAAAAGGAGATGAAAA  
 GAACCTTGATAAAAAGAGACAAAACCAAGAGACTGGACAAAGAAAATCTGAATGAAGAAAGAGCCAGTGGGC  
 ACAGTTACTCTGCCAGGCGTTCTGATGTGCGAACTGAAGGATGAAAAGCCAAAGAGGCTCGATGACGA  
 GGGTGTGAGAGATTACAGAGACAGGGACCGGGACTATGAGAGAGATCAGGAGCGCATGATCCGAGAAAGA  
 GAGAGGCTGAAGCGCAAGAAGAAGAGCGCCGGCGGCAGCAGCAGAAAAGAACGCTATGAGAAAAGAGAAGG  
 CTTTTAAGCGAAAAGGAAGAAGAAAATGAAGAGAGAGAAAAGAGGCACTTCGAGATAAAGGAAAAGAAGTGA  
 GAATACAGAATCAATATGCTCATTAGAAAAAATTGAAAAAAAAGAGGAAGTGGTTAAGAGAGACCCGATA  
 AGGAACAAGGATCGTCCAGCCATGCAGCTTTACCAACCAGGAGCTCGAAGCCGAAGCCGACTCTGTCCCG  
 CCGATGACAGCATCAAGCCTGGAGATCCCCAGTGGACAAAAAGCAGGAAAGTGGTATTAGCCATAGAAA  
 AGAAGGAGGAGAGGAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_026573  
**Insert Size:** 1419 bp

**OTI Disclaimer:** Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_026573.3</a></u> , <u><a href="#">NP_080849.1</a></u>
<b>RefSeq Size:</b>	2367 bp
<b>RefSeq ORF:</b>	1419 bp
<b>Locus ID:</b>	68134
<b>Cytogenetics:</b>	X A3.3