

## Product datasheet for **MC228789**

### Unkl (NM\_001197024) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Unkl (NM_001197024) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Unkl
Synonyms:	1300004G08Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC228789 representing NM\_001197024  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCCGTCGGTTTCGAAAGCGGGCGGGCGGCGCTGAGCGGGTCCCCCGCAGACAGAGAAACCAACCC  
 ACTACAGGTATCTAAAGGAGTTTAGGACAGAGCAGTGCTCCCTGTTTTTGCAGCATAAGTGCAGCCAGCA  
 CAGGCCGTTACCTGTTTCCATTGGCATTTCCTAAATCAGCGTCGTCGAGACCGCTCCGACGACCGGAT  
 GGCACCTTCAACTACAGCCCGGACATATACTGCTCCAAGTACGATGAGGCCACCGGCTGTGTCCCGATG  
 GTGATGAATGCCCTTACCTGCATCGAACAACTGGGGACACGGAGCGCAAGTACCACCTGCCTACTACAA  
 GACAGGCACGTGATTACGAGACAGATGCACGGGGCCACTGTGTGAAGAACGGGCTGCACTGTGCCTTC  
 GCACACGGGCCCTGGACCTTCGGCCACCTGTGTGACATCAGGGAGCTTCAGGCTCAGGAAGCCCTGC  
 AGAATGGCCAGCTCAGTGGAGGGGATGGTGTACCTGATCTGCAGCCTGGGGTCTTGCCACGCCAGCCAT  
 GATCGAGAAGATTCTTGGTGAGGACCCTCGGTGGCAAGACAGTAACTTCGATTGGGCAGCTATAAGACT  
 GAGCAGTGCCCGAAGCCACCAGCCTATGTCGCCAGGGCTACGCCTGTCCACACTACCACAACAGCAGAG  
 ACCGCCGTCGGAACCCAGGAGGTTCCAGTACAGGTCTACGCCCTGTCTAGTGTGAAGCACGGTGACGA  
 GTGGGGCGAGCCCTCACGGTGTGACGGTGGGGACAGCTGTGACTACTGCCATTCCCGCACGGAGCAGCAG  
 TTCCATCTGAGACTACAAATCTACAAAATGCAACGATATGCGCCAACTGGCTACTGCCCTCGGGGCC  
 CTTTCTGTGCCTTTCACACACTGAGAAGAGCCTGGCTATGGTGAACGAGTGGAGCTGCCGTGATCTCAG  
 TTCCAACAGCACCTCAGCTTATAGCAGCCAGCCTGGAAGTGCCAAAAGGAAAGACTCCCCCTCTGAAGGA  
 AGCCAGAAAGCTACTGAGGACAGCAAGCAGAACCACCTCGTGTGTTCTCAGTGGCTCACCACCTGGCCC  
 ACAGCATAAGCTCCAGTGTGGCATCCAGCCTGGCGTCCAGCACTGGCTCGGGCAGCTCCTCCCCACCAC  
 ACTGCCTACCCTCCCTGCCGTCGCTTCCACTGGATCCCGCCGCAACACTGTGGGGGACGTCATAGGT  
 TCTGCCTTAGATCTTCGCTTAGTGACATAAACATCGCGTCCTTAGATAAAGACTTAGAAGAACAGGACC  
 TTGGATTGACAGGTCCCAGGTCGCTGGCAGGCTCAGCACCCGTCACCATTCCGGGCTCCCTGCCCGCTC  
 GCCATCTTGCACCTCGTCTCATCCCTATCCACCTCCCCACTCAGCTCGCTCTCCAGTCCCTGTGGGG  
 CCACTCGTCTCCTCGGCCATGACGCCCCCAGCAGCCACCACCCTCCGGTCGGAGCCGGCTACGCTGG  
 GCTCTGCAGCCTCATCTTACAGCTCTTTAGGTCTGAACGGCGTCCCGGGAGCATCTGGGACTTTGTTTC  
 TGGCAGCTTCTCCTAGCCCATCCCCATTCTGAACTCCGGCCCTTCGGCTTCTCAAGTGCAAGTCCA  
 AACAGTGTGAGCTGGCAGGGTCAGGGCGCAGCTAGACGAGGCCAAGAGGAAGATCAGGCAATGGGAAG  
 AATCTTGGCAGCAAGTGAAGCAGGCCTGTGATGCCTGGCAGAGAGAGGCTCAGGAGGCCAAGGAAAGAGC  
 CCGTGTGGCAGACAGTGACCCGGCAGCTGGCCCTGCAGAGGAAAGAAGAGGTGGAAGCCAAGGTGAAGCAG  
 CTGCAGGAAGAATTAGAGGGCCTGGGTTTGTCTCACTGCCAGGGCTTACAGCTTGGGTGACATCAGTG  
 ACATCCCTCTCCCAAGCTGCATTCTCTCCAGAGCAAGCTGCGCTTGGACTTGGAGGCTGTGGATGGGGT  
 GATCTTCCAGCTCCGTGCCAAACAGTGTGTGGCCTGCCAGGAGCGGGCCCATGGCACTGTCTGCGGCC  
 TGCCAGCACCGTGTCTTATGCGAACCATGTGCGGCCAGTACCCTGAGTGCCCTACTGCAAGGGCCAGC  
 CCTACCATGG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001197024  
**Insert Size:** 2184 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).

<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<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_001197024.1</a></u> , <u><a href="#">NP_001183953.1</a></u>
<b>RefSeq Size:</b>	4775 bp
<b>RefSeq ORF:</b>	2184 bp
<b>Locus ID:</b>	74154
<b>UniProt ID:</b>	<u><a href="#">Q5FWH2</a></u>
<b>Cytogenetics:</b>	17 A3.3
<b>Gene Summary:</b>	May participate in a protein complex showing an E3 ligase activity regulated by Rac1. Ubiquitination is directed towards itself and possibly other substrates, such as Baf60b/Smarcd2. Intrinsic E3 ligase activity has not been proven.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longest protein (isoform 1).