

Product datasheet for **MC202085**

Ung (NM_011677) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ung (NM_011677) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ung
Synonyms:	UNG1; UNG2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC052853 sequence for NM_011677
AAGAGGTAATCCGGACCATGGGCGTCTTGGGGCGGCGTCTTTGCGGTTGGCGCGGAGAGCGGGGCTCCG
GAGCCTGACTCCCAATCCCGACTCTGACTCCCGGACAGCCAGCCCGCCAAGAAGGCCGGGTGGAGCAG
AACGAGCAAGGCTCGCCGCTCAGCGCCGAGCAGCTCGTCCGCATCCAGAGGAACAAGGCCGCGCGCTGC
TCAGGCTCGCCGCCGCAACGTGCTGCCGGCTTCGGCGAGAGCTGGAAGCAGCAGCTGTGCGGGGAGTT
CGGGAAGCCGTAATTCGTCACATGGACCCAGATGTGCGACATCCGAGATGTGAAGTTGTCATTCTGGGAC
CCCCGGAGCAGGTGTTACATGGACCCAGATGTGCGACATCCGAGATGTGAAGTTGTCATTCTGGGAC
AGGATCCCTATCACGGACCTAATCAAGCTCACGGGCTCTGCTTCAAGTGTCCAAAGACCAGTTCCACCCCC
GCCAGTTTGAAAACATTTTTAAAGAGCTGTCTACAGACATCGATGGTTTTGTTCATCCTGGCCATGGG
GATTTGTCAGGTTGGCCCGACAAGGTGTCTCTCCTCAACGCGTCTCACTGTCCGCGCCACCAAG
CCAATCCATAAGGAGAGGGGCTGGGAGCAGTTCACGGACGCGGTGCTGTCTGGCTGAATCAGAACCT
GAGTGGCCTCGTCTCTCCTCTGGGGCTTATGCTCAGAAGAAGGCGAGTGTGATTGACAGGAAGCGT
CACCATGTTTCGAGACAGCTCACCCCTCCCCGCTGTCCGTTACAGAGGGTTCCTGGGATGCAGACATT
TTTCTAAAGCCAATGAAGTGTCCAGAAGTCTGGCAAGAAGCCCATCAACTGGAAGGAGCTGTGACCCGC
CCGCCCACAGGCCGCGTCTGCCACAGCGGTGCTTTCAGTACC GCCGCCACCAAGCTTTTGCTGG
TTAAGTCTAAGTTCCCTGTGTGAGCGGAGAAATGACACGGATAGATCTCTATAGACCATCATGAGCCA
ACCAGGACACAGAACTGCAGCTCTGGCAGGCAGAACCCTTTGCCCTGGCCTAGGTTTGAAGTCTCCAGG
CCCGGCCAGGTGGCTGTTGAGACACACCTACTTCTCAGACCAGCGGACACACCTTCGGTCCCGTGTGCTG
CTCTGGTGTGGGAGGAGATCTGCACCTTTGGACCAGCAGTTTGGTGCCTGCTGCTGTCCGCTTTATCC
TTTAGAGTTAGAGATTTCAAAGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGCTTCAAAGGCC
CTTTTGTCTGGAAAGGAACCTTGGGTGTTGGTGTAGTCTGAGAGTCTGGCTTACAAGTGAATGAGCTT
CCTGATCACAAGGGGGCGGGTCTCCCTGGTTCACAGTAGCCGCTCCACCCTGCGTCTTGCTTT
GCAGGCTCCGAAGTTGAGCGAAGCAGGAATGGGATAGATTTGTTTTAAGTGAAGGTTGGGTTTCCT
GGTGCCCGTGGAGTTGTTTCTCCTCTCTGCAGACAGCAGACTGCCGCGCTTGGTGTGTGTGTGTGGG
GATCTAACTCCAAGGTGCTGTTTCTAGAGGCTGAGTTCACATAAGTTGTCTTTTCTGCAACACTGGAGAA
CGTTATTTTTTTTTACAAGGTAGGCAGGTACAGTAATTTCTTTTTCATGCTTTTCTGAAAGACAATCTTC
ACTGAGTTTACAAGCTGGATTCCGTGAGTCCAGCTGGTTAGAGCCGTGGCTGCCTGACCAGGCTAATAA
AAGATGGTTGACAATTAATAAAAAAAAAAAAAAAAAAAG

Restriction Sites: RsrII-NotI

ACCN: NM_011677

Insert Size: 888 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: [BC052853](#), [AAH52853](#)

RefSeq Size: 1857 bp

RefSeq ORF: 888 bp

Locus ID: 22256

UniProt ID: [P97931](#)

Cytogenetics: 5 F

Gene Summary: Excises uracil residues from the DNA which can arise as a result of misincorporation of dUMP residues by DNA polymerase or due to deamination of cytosine.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (2) lacks an alternate exon in the 5' region, lacks a portion of the 5' coding region, and initiates translation at an alternate start codon, compared to variant 1. The encoded isoform (b) has a distinct N-terminus and is shorter than isoform a.