

Product datasheet for **MC200923**

Ung (NM_001040691) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ung (NM_001040691) 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: >BC011039 sequence for NM_001040691
CCACGCGTCCGCACCGACCCCTGCCAGCCAGCCTCCTCGCCCCAACGGGAGCCCGCGCAGGTGGCAGC
GCGCCTACCGTGAGCACGGCTGCAGGAGTCCCGGAGGTCCGTGCTCGGCCAGGCATGATCGGCCAGAAG
ACCCTATACTCTTTCTCTCCGACCCCCACAGGGAAGCGGACCACGCGCAGCCCGGAGCCGGTCCCAG
GGAGCGGAGTGGCGGCCGAGATCGGCGCGATGCCGTGGCCAGCCCCCAAGAAGGCCGGGTGGAGCA
GAACGAGCAAGGCTCGCCGCTCAGCGCCGAGCAGCTCGTCCGATCCAGAGGAACAAGGCCGCGCGCTG
TCGGGAAGCCGTACTTCGTC AAGCTAATGGGATTGTTGCTGAAGAAAGGAACCACCACAAGGTCTATCC
GCCCCCGGAGCAGGTGTTACATGGACCCAGATGTGCGACATCCGAGATGTGAAGTTGTATTCTGGGA
CAGGATCCCTATCACGGACCTAATCAAGCTCACGGGCTCTGCTTCAGTGTCAAAGACCAGTTCACCCCC
CGCCCAGTTTGAAAACATTTTTAAAGAGCTGTCTACAGACATCGATGGTTTTGTTCATCTGGCCATGG
GGATTTGTCAGGGTGGGCCGACAAGGTGTCTCCTCTCAACGCCGCTCCTACTGTCCGCGCCACCAA
GCCAATCCCATAAGGAGAGGGGCTGGGAGCAGTTCACGGACGCGGTTCGTCTGGCTGAATCAGAACC
TGAGTGGCCTCGTCTTCTCTCTGGGCTCTTATGCTCAGAAGAAGGGCAGTGCATTGACAGGAAGCG
TCACCATGTTCTGCAGACAGCTACCCCTCCCCGCTGTCGGTGCACAGAGGGTTCCTGGGATGCAGACAT
TTTTCTAAAGCCAATGAACTGCTCCAGAAGTCTGGCAAGAAGCCCATCAACTGGAAGGAGCTGTGACCCG
CCTGCCACAGGCCGCGTCTGTCCACAGCGGTGCTTTCAGCTGCCGCGCAGCTTTTGTGGTTAAGTTC
TAAGTTCTTGTGTGAGCGGAGAAATGACACGGATAGATCTCTATAGGCCATCATGAGCCAACCAGGAC
ACAGAACTGCAGCTCTTGCAGGCAGAACCTCTTGCCCTGGCACTAGGTTTGAAGTCTCCAGGCCCGCCA
GGTGGCTGTTGAGACACACCTACTTCTCAGACCAGCGGACACACCTTCGGTCCCCTGTGCTCTGGGG
TGGGAGGAGAGATCTGTACCTTTGGACCAGCAGTTTGGTGCTGCTGTGCTCCGCTTATCCTTTAGAGT
TAGAGATTTCAAAGT
TTTGTCTGAAAAGGAACCCTTGGGTGTTGGTGAGTCTGAGAAGTCTGGCTTACAAGTGAATGAGCTTCC
TGATCACAAAAGGGGCGGGTTCTCCCTGGGTTACAGTAGCCGCTCTCCACCCTGCGTCTTGCCTTTGC
CTTTCAGGCTCCGAAGTTGAGCGAAGCAGGAATGGGATAGATTTGTTTTAAGTGAAGGTGGTGGGTT
TCCTGGTGCCCGTGGAGTTGTTTCTCCTCTCTGCAGACAGCAGACTGCCGCGCTAGTGTGTGTGGTGC
TGGGGATCTAACTCCAAGGTGCTGTTTCTTAGAGGCTGAGTTCACACAAGTTGTCTTTCTGCAACACTGG
AGAACGTTATTTTTTTTACAAGGTAGGCAGGTACAGTAATTTCTTTTTCATGCTTTTCTGAAAGACAAT
CTTCACTGAGTTACAAGCTGGATTCCGTGAGTCCAGCTGGTTAGAGCCGTGGCCTGCTGACCAGGCTA
ATAAAAGATGGTTGACAATTGAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_001040691

Insert Size: 921 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: [BC011039](#), [AAH11039](#)

RefSeq Size: 2002 bp

RefSeq ORF: 921 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 (1) encodes the longer isoform (a).