

Product datasheet for **MC224286**

Usp31 (NM_001033173) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Usp31 (NM_001033173) Mouse Untagged Clone
Tag: Tag Free
Symbol: Usp31
Synonyms: 6330567E21Rik; mKIAA1203
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC224286 representing NM_001033173
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCCAAGGTAACGGCGCCCGGGCCCGGGCCCGGTGGCGGGCGGGAAGGAGAAGCGCTCGTTCA
GCAAGCGGCTGTCCGGAGTGGCCGCGCGGGGGCGGGCGGCGCTGGCGGCCCGGGCCGGCCGCGC
CTCGTCGCGTGTGGCGCGCTCGGTGGCAGTTTCATGAGCCGCGTCTCAAGACGCTGTCCACGCTC
TCGCACCTCAGCTCCGAGGGCGCCCGCCGACCGCGGGCGCTCCGACGCTGTTCCCGCCGGGCGCG
CCTCCGCGCCACGGCGCCCGCTGCCCGCCCGCCCGCTCGCCCGCGCTCCCGCTGCGCCTCGGA
GCCGGTGGCGGCGTGGCGGGGCTCCGCAACCACGGCAACACGTGCTTCAAGGCCACGCTGCAGTGC
CTCAGTAACACCGAGCTCTTCGCCGAGTACCTGGCTCTGGGCCAGTACCGGGCGGGCCGACCGGAGCCAG
AGCCGGAGTCGGAGCAGCCGGCGGGCCCGGGCCGACGGCCAGGGCGAGGTACCGAGCAGCTGGCGCA
TCTGGTGGCGGCGCTCTGGACGCTGGAGTACACCCCGCAACACAGCCGCGACTTCAAGAGTATTGTGTA
AGAATGCGTTGAGTATCGAGGAAATCCAGCATGATGCCAGGAGTTCCTGCTCTGGCTTCTGGATA
GAGTTCATGAAGACCTCAACCATGCTGTAAGCAGAGTGGCCAGCCTCCTGAAGCCACCATCAGAGAC
AGATATGATGCCTGAGGGACCTTTCTGTGTGTAGCACTTTTGTACAAGAACTTTTCAAGCCAGTAC
AGATCTTCTTTGACATGTCTCATTGTGAGAAACAGAGCAACACTTTTGACCCTTTTCTGTGCAATTTCT
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TGGCAAGCGACAAGATTGTTCTGCTGTATGTAACCGGGCTGCACTGGGAGCAAGGAAAAGATTTGG
ACTGCCCTTTGCTGACCTAGAGAAGACAGTAGCATGGGACCTTCTGAGAAGGAGATCTTGAGAAG
ATGAAGTATTTCTTGAGACCTACTGTCAGCATCCAGGTATGCCAATTCAGTTTGGTGTGGTGTGTC



TGGGAATAACTTACTTGCTGCCTCAGGAAGAACAGCCCTTGTGCCACCCAACAGTAGAAAGGGCATTAAA
 GTCCTGTGGACCAGGCGGCACAGCTCATGTGAACTGGTAGTAGAATGGGACAAGGAGACGAAAGATTTTC
 TTGTTTGTGAACACAGAAGATGAGTATATCCCTGATGCAGAGAGTGTCCGTCTGCAGAAGGAGCAGCATC
 ATCAGCCACAAACCTGCACTTTATCACAGTGTTTCCAACCTACACCAAGGAGGAACGGCTTGCTCCAGA
 TGATGCCTGGAGGTGCCACACTGCAAGCAGCTGCAGCAGGGGAGCATCACATTAAGCCTGTGGACTCTG
 CCTGATGTGCTTATTATACACCTCAAGAGATTCGCCAGGAAGGAGACAGGCGTATGAAACTTCAGAATA
 TGGTCAAGTTCCTTGGCTGACCTGGACATGACACCTCATGTGGTTAAGAGAAGCCAGAGCAGCTGGAG
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 GACCTGTATGCTGTGCAATCATCATGCACCATGCAAGGGGGGCACTACACAGCCTACTGTAAGAACT
 CCGTGGATGGTCTCTGGTATTGCTTCGATGATAGCGATGTGCAGCAGCTGTGAGAAGATGAGGTGTGCAC
 GCAGACAGCTTACATCCTTTTCTACCAGAGGGGACAGCTATCCCATCATGGTCAGCCAATAGCTCAGTG
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 GAGGAGTGAAGATGATGGAGGCTTTTCTACTCGACCGTTCGTGAGAAGCGTGCAGCGTCAAAGCTTGTC
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 CCAAGCTGCAGATGCGCTCCAGTTCCTTCCCGCTTCTCAGGGGACTCCCAATCCATGGATCTGCCTC
 CACCCTTGAAAGGATTGGCGAGGCAAGTATGACAAAAGTCTCCATTTCTTCTGCTTCGGTAGTCTGCGGAAC
 CTTTCTGGTAGTACCAGGAACCAAGTGACAGTCACAATAGACGAGAGCAAGGCTGTGGGCCGGGCC
 CACTGGCTGTGATGGAAGGTGTGTTCAAAGATGACTCAGACCCTGGAAAAATTGAACTCCAGTGTGTAGA
 CACACCAAGCAAAAACCGAGCACAAGGGGATCACTTGGCCCCGTCTCTGATCCTTTTGATAATAAATAC
 CAGATTGCATATGTGGACCAGAGTGATTCTGTTGACAGCTCTCCAGTCAAAGAGGTGAAACCTCCAAGCC
 ACTCAGATTCTCTACAAAAGAAGCCAGAGAGCACAACCAAGAGCTCCCTAGTTCCAAAGGCACTTCTGA
 GCCAGAGAAGAACATGCGCAAGGGGAGGCCAGCCTTGGCTAGCCAGGAATCTTCTGTCAAGCCCATCT
 CTTTCTTCTCCTGTTCTGTAAAGGTTTCCATGAAACCTGCCCGCTGTGCGAGCAAAAGCAGATTCTTCCA
 GGACAAGTGAAGGCATTATCTTCTCTCTACCCAACCAAAAAAGAATCTTCCCCAGTCCCAGGA
 ATCCATGTCTCTCTTACCACAGAAGCAAAAGTCTGCTTCTGCCTTTACTTATCTCTCATCCATA
 TCTGCCAAAAAGCCCCAAGCCCTGTCACCAGGGGCCCTTCCCTTCTGGGAAGAGCAGGACTTCTGACC
 GGAGCTTGAGTAGAGAAGGCTCCAGACAAAGCTTAGGCTCTGACAGAGCCAGCGTACCTCCACCTCCAC
 CTCCAAACCCAGCTCCCCTCGGGTGAATCAGGCCAGAGCAGGGGACAACAGAGTGGATGGCAAGCACGTC
 CGGAGCTCCTCCATGGCCAGCCTGCGTTACCTAGCACAAAGTGTGCGCTCTGGGTGAAGAGGGACAGCA
 AGTCTGAGGATAAGGGACTGTCTTCTTAAAGTACGCTTGTAGACAGAAAGAAACCCGGAGTCAACTGA
 TCTTGGCAAGACAACCTTGTCTATCCAAAAGGCTGGTGGGAGCTGTGCAAGTCAGTCAGTAAGAACA
 GCAGATGACAAGACAGAGAAAGGCCATAGCCTCCCGGCTCACAGCAGCCAAACACAAATGCAGTTGGAA
 AGGAACAACCTGTCTCTAAGGACCCTGCTAAACATTCTTGTCTGCTCGCAGATCCAAGTCTTCCCA
 GCTAGATTCTGGAGCTCCCTTGTCTCCAGTAGCAGGTCGACCACTGAGAAAGGCTCCAAAAGCTGTCT
 TCTAGCATGCAAACCTCTGCACGGCCTTCTCAAAAACCTCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001033173
- Insert Size:** 4035 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: [NM_001033173.1](#), [NP_001028345.1](#)

RefSeq Size: 10198 bp

RefSeq ORF: 4035 bp

Locus ID: 76179

Cytogenetics: 7 F2