

Product datasheet for **MC224286**

Usp31 (NM_001033173) Mouse Untagged Clone

Product data:

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCCAAGGTAACGGCGCCCGGGCCCGGGCCCGGTGGCGGGCGGGGAAGGAGAAGCGCTCGTTCA
GCAAGCGGCTGTTCCGGAGTGGCCGCGGGGGGGCGGGCGGGCGCTGGCGGCCCGGGCCGGCCGCGCC
CTCGTCGCGCTCGTCGGCGCGCTCGGTGGGCGATTTTCATGAGCCGCGTCTCAAGACGCTGTCCACGCTC
TCGACCTCAGCTCCGAGGGCGCCCGGGACCGGGCGGCTCCGACGCTGCTCCCGCCGGGCCGG
CCTCCGCGCCACGCCGCGCGTGGCCGCGCGCCGCGCTCGCCGCGCTCCCGCTGCGCCTCGGA
GCCGGTGGCGGGCTGGCGGGCTCCGCAACCACGGCAACACGTGCTTCATGAACGCCACGCTGCAGTGC
CTCAGTAACACCGAGCTCTTCGCCGAGTACCTGGCTCTGGGCCAGTACCGGGCGGGCCGACCGGAGCCAG
AGCCGGAGTCGGAGCAGCCGGCGGGCCGCGGGCCGACGGCCAGGGCGAGGTCACCGAGCAGCTGGCGCA
TCTGGTGGCGGGCGCTCTGGACGCTGGAGTACACCCCGCAACACAGCCGCGACTTCAAGAGTATTGTGCA
AAGAATGCGTTGCAGTATCGAGGAAATCCAGCATGATGCCAGGAGTTCCTGCTCTGGCTTCTGGATA
GAGTTCATGAAGACCTCAACCATGCTGTAAGCAGAGTGGCCAGCCTCCTCTGAAGCCACCATCAGAGAC
AGATATGATGCCTGAGGGACCTTTTCTGTGTAGCACTTTTGTACAAGAACTTTTCAAGCCAGTAC
AGATCTTTGACATGCTCATTGTGAGAAACAGAGCAACTTTTGACCTTTTCTGTGCACTTCTT
TGCCAATTCCTCTACCCATACAAGGCCTCTATGTCACTGTAGTGTATCAAGGAAATGTTCCCACTG
CATGAGGATCGGTGTGGCTGTCCCTGTCTGGGACTGTTGCCAGACTTCGGGAAGCTGTATCCATGGAG
ACAAAGATCCCACTGATCAGATTGTGTTAACAGAAATGACTATGATGGGTTCCATCGTTCCTTCAGT
ACACAGATGACCTGGAGACAGTTCATGAAAGTATTGCAATTTTGCTTTGAGACTCCAGAAATATTAG
ACCTGAAGGAATCTTAGTCAAAGAGGCATTCACTTAAACAACAATCTAAACCACTTGAAATTTGGCTTG
GATCATCACAGACTGTCTCCCGAGCACTGCAGCAAAACAAGGTCGAGTAGACTTGCCACCAGAG
TGGCAAGGACAAGATTGTTCTGCTGTATGTAACCGGGCTGCACTGGCAGCAAGGAAAGATTGG
ACTGCCCTTTGCTGACCTAGAGAAGACAGTAGCATGGGACCTTCTGCAGAAGGAGATCTGGAGAAG
ATGAAGATTTTCTGAGACCTACTGTCAGCATCCAGGTATGCCATTGCTTTGCGTGTGGTCACTGTC



TGGGAATAACTTACTTGTGCCTCAGGAAGAACAGCCCTTGTGCCACCCAACAGTAGAAAAGGGCATTAAA
GTCCCTGTGGACCAGGCGGCACAGCTCATGTGAACTGGTAGTAGAATGGGACAAGGAGACGAAAGATTTTC
TTGTTTGTGAACACAGAAGATGAGTATATCCCTGATGCAGAGAGTCCCGTCTGCAGAAGGAGCAGCATC
ATCAGCCACAACCTGCACCTTTATCACAGTGTTCCTCAACTCTACACCAAGGAGGAACGGCTTGTCCAGA
TGATGCCTGGAGGTGCCACACTGCAAGCAGCTGCAGCAGGGGAGCATCACATTAAGCCTGTGGACTCTG
CCTGATGTGCTTATTATACACCTCAAGAGATTCCGCCAGGAAGGAGACAGGCGTATGAACTTCAGAATA
TGGTCAAGTCCCCTTGACTGGCCTGGACATGACACCTCATGTGGTTAAGAGAAGCCAGAGCAGCTGGAG
CTTGCCATCTCATTGGTCCCATGGCGACGGCCCTATGGACTCGGGAGGGACCTGAGGACTACATCTAT
GACCTGTATGCTGTGTGCAATCATATGGCACCATGCAAGGGGGGCACTACACAGCCTACTGTAAGAACT
CCGTGGATGGTCTCTGGTATTGCTTCGATGATAGCGATGTGCAGCAGCTGTCAGAAGATGAGGTGTGCAC
GCAGACAGCTTACATCCTTTTCTACCAGAGGGGACAGCTATCCCATCATGGTCAGCCAATAGCTCAGTG
GCAGGTTCCACAAGTTCGTCTCTGTGTGAGCACTGGGTGAGCCGGCTCCAGGAAGCAAGCAAGCCAGTG
TGACTTCTGCAGCCTCCTCCAGACGCAGCTCCTTGGCCTCTCTGTCTGAGTCTGTAGAGATGACAGGGGA
GAGGAGTGAAGATGATGGAGGCTTTTCTACTCGACCGTTTCGTGAGAAGCGTGCAGCGTCAAAGCTTGTC
TCCAGATCTTCTGTACCAGCCCTTGGCTGTCAATGAAAATGTCATGCGGCCCTTCTTGGTCCCTGTCTG
CCAAGCTGCAGATGCGCTCCAGTTCTCCTTCCCCTTCTCAGGGGACTCCCAATCCATGGATCTGCCTC
CACCTTGAAGGATTGGCGAGGCAGGTGATGACAAAGTCTCCATTTCTTGGTTCGGTAGTCTGCGGAAC
CTTTCTGGTAGTACCAGGAACCAAGTGACAGTCAATAGACGAGAGCACAAGGCTGTGGCCGGGGCC
CACTGGCTGCATGGAAGGTGTGTTCAAAGTACTCAGACCTGGAAAATTGAACTCCAGTGTGTGATA
CACACCAAGCAAAAACCGAGCACAAGGGGATCACTTGGCCCCGTCTCTGATCCTTTTGATAATAATAAC
CAGATTGCATATGTGGACCAGAGTATTCTGTTGACAGCTCTCCAGTCAAAGAGGTGAAACCTCCAAGCC
ACTCAGATTCTCTCACAAGAAGCCAGAGAGCACAACCAAGAGCTCCCCTAGTCCAAAGGCACTTCTGA
GCCAGAGAAGAATGCGCAAGGGGAGGCCAGCCTTGGCTAGCCAGGAATCTTCTGTCAAGCCCATCT
CCTTCTTCTCCTGTTCTGTAAAGGTTTCCATGAAACCTGCCCGCTGTCGGAGCAAAGCAGATTCTTCCA
GGACAAGTGAAGGCATTATCTTCTCCTCTACCCAACCCAAAAAGAATCTTCCCCAGGTCCCAGGA
ATCCATGTCATCTCCTTACCACAGAAGCAAAAGTCTGCTTCTGCCTTTACTTATTCCTCCTCATCCATA
TCTGCCAAAAAGCCCCAAGCCCTGTACCAGGGGCCCTTCCCTTCTGGGAAGAGCAGGACTTCTGACC
GGAGCTTGAGTAGAGAAGGCTCCAGACAAAGCTTAGGCTCTGACAGAGCCAGCGTCACTCCACCTCCAC
CTCCAAACCAGCTCCCCTCGGGTGAATCAGGCCAGAGCAGGGGACAACAGAGTGGATGGCAAGCAGCTC
CGGAGCTCCTCCATGGCCAGCCTGCGTTACCTAGCACAAGTGTGCGCTCTGGGTTGAAGAGGGACAGCA
AGTCTGAGGATAAGGGACTGTCCTTTTAAAGTCAAGCTTGTGACAGAAAGAAACCCGGAGGTCAACTGA
TCTTGGCAAGACAACCTTGTCTATCCAAAAAGGCTGGTGGGAGCTCTGTCAAGTCAAGTCAAGTCAAGCACT
GCAGATGACAAAGACAGAAAGGCCATCAGCCTCCCAGCTCACAGCAGCCAAACACAATGCAAGTGGAA
AGGAACAACCTGTCTCTAAGGACCTGTCTAAACATTCTTGTCTATGCTCGCAGATCCAAGTCTTCCCA
GCTAGATTCTGGAGCTCCCTTGTCTCCAGTAGCAGGTCGACCAGTGAAGAAAGGCTCCAAAAAGCTGTCT
TCTAGCATGCAAACTCTGCACGGCCTTCTCAAAAACCTCAGTGA

ACGGCTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001033173.1](#), [NP_001028345.1](#)

RefSeq Size: 10198 bp

RefSeq ORF: 4035 bp

Locus ID: 76179

Cytogenetics: 7 F2