

Product datasheet for MC223312

Usp38 (NM_027554) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Usp38 (NM_027554) Mouse Untagged Clone
Tag: Tag Free
Symbol: Usp38
Synonyms: 4631402N15Rik; 4833420O05Rik; AA536967; AU044701; AW544820; mKIAA1891
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC223312 representing NM_027554
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGACAAGATTCTGGAAGGCCTGGTGAGCTCCTCGCACCCGCTGCCCTCAAGCGGATGATTGTGCGGA
 AGGTGGTGGAGTTCGCGGAGCATTGGCTCGACGAGGCGCAGTGCAGGCCATGTTTGACCTGACGACCCG
 CCTCATCTGGAGGGCCAGGACCCTTCCAGCGACAAGTGGGCCACCAGGTGCTGGAGGCCTACGCGCGG
 TACCACCGGCCGGAGTTCGAGTCTTCTCAACAAGACTTTCGTGTTGGGCCTCCTTCAGCAGGGCTACC
 ACTCAGTGGACAGGAAGGACGTCGCCATCCTGGACTACATTCACAACGGCCTGAAGCTGATTATGAGCTG
 CCCGTGCGTGTGGATCTCTTACGCTGCTCCAGGTGGAGGTCCTGCGAATGGTTTTCGAGAGGCCGGAG
 CCAGTGTCTGTGCCCGGCTGAGCGACCTCTGACCGATTTTCGTGCAGTGCCTCCCAAAGGAAACTGT
 CAGTTACCTTCTGTCAACAGCTGGTTCGAACGATAGGTCATTTCCAGTGCCTGCTCCACTCAGGAGAAGGA
 ACTACGGGAGTATGTCTCCAGGTAACGAAAGTGAGTACCTTACTACAGAATATTTGGAAGGCTGAGCCC
 TCCACGCTGTACCTTCTCTGCAAGAAGTTTTTGCAAGCATCTCTCCACAGATGCATCCTTTGAGCCCT
 CGGTTGCCTTGGCAAGCCTGGTGCAGCATATTCCTCTGCAGATGATCAGTCCATCAGGAGCCTAAC
 CACCGACCCAAATGTAAAAGATGCGAGTATGACCAAGCTCTCTGCAGAATGATTGACTGGCTGTCTGG
 CCATTGGCTCAGCATGTAGATACGTGGTAATTGCTCTCCTGAAAGGACTGGCAGCTGTTTCAAGAAGTTA
 CTATTTTGATAGATGTTACTTTGCTGAAAATAGAAGTGGTTTTTAACCGACTTTGGTTTCTCTCGTGAG
 ACCTGGTGTCTTGCAGTCTCTCATATGCTGCTTAGTTTTTTCAGCATTCTCTGAGGCATTCCATGTG
 ATTGTCCCTCATATAGTTAACTTGGTTCCTCCTCAGAAGTATGATGATGACCTTCCAGCACAGCCTTCC
 TAGTACAGTTAACAGAGTTGGTTCCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT
 TATTCTGGAGGCAGTAAAGGACTTTCCTAAGCCAGTGAAGAAAAGATTAAGCTGATTCTCAATCAAAGC
 GCCTGGACTTCTCAATCCAATGCTTTGGCATCTGCTTGTCTAGACTTTCTGGAAAATCTGAAACTGGAA
 AAAGTGGTCTTATTAACCTGGGAAACACGTGTTACATGAACAGTGTTCACAAGCATTGTTTATGGCTAC
 AGAGTTTCAAGACAAGTATTATCTTTAAATCTAAATGGGTGTAATTCGTTAATGAAAAAATTAACAAT
 CTTTTTGTCTTTTGGCTCATACACAAAGGGAAGCTTACGCACCTCGGATATTTTTTGGAGCTTCCAGAC



[View online »](#)

CTCCGTGGTTTACTCCCAGGTCACAACAGGACTGCTCTGAGTACCTCAGGTTTCTGCTGGACAGACTCCA
 TGAAGAAGAAAAGATCTTGCGAGTTCAGTCTCACATAAGCCTTCGGAAGGTCTGGACTGTGCTGAAACT
 TGTTTACAAGAGGTGACCAGTAAGGTAGCAGTGCCACAGAGTCTCCTGGTACAGGTGACAGTGAGAAGA
 CTCTAATAGAGAAAATGTTTGGAGGGAAGCTACGGACTCACATCTGCTGCCTAAACTGTGGGAGTACCTC
 ACACAAAGTTGAAGCCTTACAGATCTTTCGCTAGCCTTTTGCTAGCCCTTCTGTGGAAGACCTGTCT
 TTCCAAGATACAGCTTCGTTACCCAGTGCTCAAGATGATGGGCTAATGCAAACCAGTGTGCTGACCCAG
 AAGAAGGCCAGTAGTTTATAATCCAGCAACAGCTGCCTTTGTCTGCGACTCAGTTGTAATCAAAGAGT
 ATTAGGCAGTCCCTCTGTTGAGTTTCACTGTGCTGAAAGCTCTTCTGTCCCTGAAGAATCTGCAAAGATT
 CTCATCAGTAAAGATGTACCTCAGAACCAGGAGTGAAAGCACAACTTCACTGACTGACTTACTAACT
 ACTTTCTGGCTCCAGAGTTCCTACTGGGGAGAACCAATACTACTGTGAAAGCTGTGCCTCTCTACAGAA
 CGCAGAGAAAATGCAAATCACGGAGGAGCCTGAGTATCTTATCCTTACGCTCCTGAGATTCTCTAC
 GATCAGAAGTACCATGTGAGAAGAAAAATTTAGACAATGTGCTACTGCCTCTGGTTTTGGAGTTGCCAG
 TTTAAAAGAACTGCTTCCTTCTTCTTCTTGTCCAGAGTTGGTCTGTAGATGTTGACTTCACTGATTTAA
 TGAGAACCTACCTAAAAAATTAACCTTCTGGGACTGAAGAAGCTTTTGCCTTAAATAGTGCCTAC
 CTATTAAGTTCTGTTGTGTGCTACTCTGGTGTGCTCTGAGAGTGGCCATTACTACTCTTATGCCAGAA
 ACATCACAGGTACAGAGTCTTACATACCAGATGTGCCCCAGTCTGAAAGTCTGGCATTAGACCCTCCCA
 GAGTTGTTTACTAGGGGTAGAAAGCCCCAATACAGTCATTGAACAGGACTTGAAATAAGGAAATGTCA
 CAAGAGTGGTTTTTATTTAATGACAGCAGGGTGACATTTACTTCACTTTCAGTCACTTCAAGAAATCACA
 GTAGGTTTTCCAAAAGACACAGCTTATGTCTTTGTACAAAAACAAAGCAGAGCTAATGGCATAGACAG
 TGACAATCCAGCCAGTGGTGTCTGGGCCAATGGAGATCCACCCCTACAGAAAGAGCTGATGGATGCCATA
 ACAAAAGGACAACAAGCTGATTTGCAGGAACAAGAATTGAATGCTCGAGCCCGGGCCCTGCAAGCTGCAT
 CTGCTTCTGTTGTTCCGACCCAATGGATTTGATGACAATGACCCACCAGGAAGCTGTGGGCCAACTGG
 TGGGGCGGTGGAGGAGCTTCAATACAGTTGGCAGACTCGTATTTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_027554

Insert Size:

3129 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_027554.2](#), [NP_081830.2](#)
RefSeq Size:

4711 bp

RefSeq ORF:

3129 bp

Locus ID: 74841

UniProt ID: [Q8BW70](#)

Cytogenetics: 8 38.68 cM

Gene Summary: Deubiquitinating enzyme exhibiting a preference towards 'Lys-63'-linked ubiquitin chains.
[UniProtKB/Swiss-Prot Function]