

Product datasheet for **MC229079**

Usp29 (NM_001290994) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Usp29 (NM_001290994) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Usp29 |
| Synonyms: | Ocat |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >MC229079 representing NM_001290994
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCTCACCTAAAGATAAATGGTTTGGTCCAGATCCGCAGCACAAAACAGGAGCAAGCACACCAGGGCAT
 CTCAGTGAAGGAAGCAGTCATCGAAATAGTAGAAAGAAAACAGAAAGTTAATCTGGTGGTTCTTTCAA
 GTTGGAAGAAAGGAGAAGGGTGTTCAGCTGGGTGATAATGTTACAGGCGTAGTGGTTAGTGGTGAAGCTG
 GGACTGTATCATCTGGATTTAACTTTGAGAGACGACACATCCTTACTCATCGACAAGTTATCCTCTGCAG
 ATGTTGAACATTTGAAGTCATTCTGGATTCTGCTACTCCATGTGAGTCCCAGCAACCCATGGAGCCCAT
 GAGTAGTCAGGATGACCTTGAAGCAGTGATCCATTTTGCGGGGAGCACCAGGAGGCAGCCTGTGGATCC
 CTGAATACCCTCCAGAAAGTGGACACCCTGTCCCAGCAAGATGCCACTTCTATGTCAAACACCACGG
 GCGGCCAAAAGAGAGGAGAAAAACAAGGCAGAAAGAGGAAGACAGAACCATCCTCCTCCAGCGCAGAAGT
 GAACAAGGACATCCCAAAGAAAATACTCCTGACCAAAAAAGAAATCCAGGCGATATTATCCAGGAAC
 AGAGGGCGCAAAGCAGAGAAAGCTGTGACCTTAAGAGAACAAGAAAAGCGTAGCAATTGGAAACTTGAAC
 CTGCTTTCAATCCAAATCCTATGGAAGGGCTAACCTGGATGGCACTATCCTTCCAAATCGCGACATGCTC
 TGATGACAGAGATGTATCAATATTTGGACTGGAGATCATAACACATAATGGAGTCCAATCTCTTCTGAC
 CCTTACCTAAATCAACTAAAACGTGAAGGCTTCCCAAACCTGGGAAATACTTGTACATGAATCCATTT
 TGCAATCTGTCTTTGGGATTCACCTTTGCAAAGGACTACTCACTCAAGGCATCCCATGGGAGAAAGT
 CTCCTACGATGACCTTATCATGCCCTTAAGCCAGCTCCTTGTCTTGAAGACATTCGGGATGTAGAGATC
 AAGGGGGAGTTACTCACCAGTGAAGAAGTCCATTTCCACAGTTGCAGACACATTCGGGCAATGAAC
 AGACGATGCCCATGAGTTTTTAAGTCTGTGTTTAGACCAGTGAACATGGAAAGTAAATGC
 CATGTGGGATACTGAGAGGAGAAAACACATGTGCTGGGTCTGCTGGCACCAAAAGGTTTGTTCGCCGTT
 GGAGCTAATTTTGAATTTGAGCTGCATAGCTCCATCATCTGTGAAGGCTGTGGTGAAGGCTACTATCAAAA
 CCGAAGTGAGTAATTACCTCTCCATTGACCTGCACCATGGGACAAAAACACACCCTCTATCAATTCAAAA
 GTCTTTTGATCTTTTCTTACACCAGAAAAAATTGAGCATAACTGTGAGAAATGTAAGAACAAGAATTCT
 GTTCTCAAGTACACATTGAGGAGACTCCCAGGGTCTCATTGTTTCACTGAAACGCTACCAAGTTACCA
 CTGACTTGTGCCAGTGAAGAGTGAAGCAGGCTTGAAGTTTCTAAGTATTTAAATATATCTTCCCAGT
 CCATGAAAACAGGAAGCTACCATTTCCCTTGCTAATACATCCCAGATGTCTCTCAAGGGATGATGCCT
 GGGATCTTCAACCAGTCAATGTTATCTAAGAAGGTGATTTCAGAATCCTGTGACCCCATGGTTCTACAGG
 TTGGATCCAGTGTGGATGCTGAAATACAAAGCTTCCAGATAATGTATGAGGATGAAGATGCAAGTGAAGG
 GCAGCAGCAGAGAGGCTGGAAAGTGGCTCCATGCTGGAGCCAGAACTAGTGAAGACAGAAAACCGGATA
 CTCAGACAAAAGACATCACTAGCAACTGACTCAATGATGGGTGACGGATACAGCTTCTTCTATGCTCT
 GTGAGCCTCTGAGCATCCAAGATCCAGGCTTGCAGAGATGGGTCTTCAAGAGGTTCCAGAGAAATCCAGA
 ATTTAAGAATATGAGAAAATTAACATATATGGAAAGTCAGATGGCCGCACTAACACTGAGTTGTCAAAA
 CTCTACCAGAATCATGGAAGTCGAATCAAGGGTTTGTCTACCAGGATCCCTTGAAGTGTAGTTCTC
 AGGAAGACCCAGAGAAGGACCTGAGTAGTCTCCAGAATTGCAGGAAGATGACCCACATCTCTTGCATT
 TGTTCTGATGATTCAAAGATGGGAGATGGGAGATGATCTTCAAGAATTACAGGCTCGTCAGTGTGGTC
 AGCCACTTTGGGAGCTCCCAAATTCAGGCCATTACGTAAGTGTGTATGACTTTCAAAGCAAGCCT
 GGCTCCTTTACAGTGTGTTCAAGTGTTCGAGAGTTCAGATCCCTCCATTGAGGAGAACAGGCTAAACAG
 CGGATACATCTTCTTTTACATGCATAATGAGATTTTGGGAACTGTTGAAAAAGGCATCTGAGTGAAG
 GTCCTTAGCACATCTAAGGAGGAAAAGAGGGACATAGATTACTTCTCAACATTGCTTAACGGCCTTACAT
 ACATCCTGGAAGAATTCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001290994

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| Insert Size: | 2610 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). |
| OTI Annotation: | Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag. |
| 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: | <ol style="list-style-type: none">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: | <u>NM_001290994.1</u> , <u>NP_001277923.1</u> |
| RefSeq Size: | 7540 bp |
| RefSeq ORF: | 2610 bp |
| Locus ID: | 57775 |
| UniProt ID: | <u>Q9ES63</u> |
| Cytogenetics: | 7 4.04 cM |