

Product datasheet for MC224725

Usp54 (NM_030180) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Usp54 (NM_030180) Mouse Untagged Clone
Tag: Tag Free
Symbol: Usp54
Synonyms: 4930429G18Rik; A1115571; C030002J06Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC224725 representing NM_030180
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTCTTGAAAAAGAAATTACTTTTCTGGAAGCCGAGGTAGTGTTCAAGGGATGTTGCGACCTCGGAGCT
 CAATGTCCATTGCCCCAGCAAAGGCCTCAGCAATGAGCCAGGGCAAACAGCTGCTTCTCAACAGTGC
 CCTGCAGGTTTTGTGGCACTTGGACATCTCCGCCGTAGCTTTCCGCAGCTTACAACACAAAGTGCATG
 GGTGATTCTGCATCTTCTGTGCTCTCAAGGGCATCTTTAACCAGTTTCAGTGTAGTAGTAAAAAGTGC
 TTCTTCCGACACTCTCCGCACTGCTCTGGCAAAGACTTTCCAAGATGAACAACGCTTCCAGCTGGGGAT
 TATGGATGATGCTGCAGAATGCTTTGAAAACCTCCTGATGAGAATCACTTCCATATTGCTGATGAAACC
 AAAGAGGATATATGACTGCTCAACTGCATATCCCACCAGAAATTTGCAATGACATTGTTTGAGCAGT
 GTGTGTGCAGCAGCTGTGGCGCCACGTCCGACCCGCTGCCCTTTATCCAGATGGTGCACATCATCTCCAC
 CACTGCCCTCTGTAACCAGGCTATTTGTATGCTGAAAAGCGAGAGAAACCCTCACCAAGTATGTTTGGT
 GAGCTGCTTCAAGTCCAGCACCATGGGGACCTGCGAACTGTCGAGCAACTGTGGGAGAGAAATCC
 GGATCCGCCGTCTTGTGATGAATGCACCACAGATTATCACGATTGGTCTGGTTTGGGACTCAGAGCATT
 AGACTTGGCAGAGGACGTATCCACAGCCTGGGCACCTGCCTTAAGCTGGGTGATCTGTTTTTCAGAGTG
 ACAGATGACCGGGCCAAGCAGTCTGAACTATACTTAGTAGGAATGATCTGTTACTATGGCAAGCATTATT
 CTACATCTTTTTTCAAACAAAGATCCGCAATGGATGTATTTTGTGATGCTCATGTCAAGGAGATTGG
 TCCGAAGTGGAAGGATGTGGTACCAAATGCATTAAGGGCACTATCAACCCTTGTGCTGCTCTATGCA
 GACCCCAAGGACTCCAGTGTCTGCCAGGACCTGCCTCCACGCTCAGTTCTGCCATACCAAGA
 CATGCTACGATAGTGAAGACTCAGGACACCTGACTGATAGTGAATGTAATCAGAAACACACATCGAAGAA
 AGGGTCCCTGGTGGAGCGCAGGAGGAGCAGTGGCCGTGTTCCGAGAAAAGCGGATGAGCCACAGGCCTCA
 GGGTACCACAGCGAAGGAGAAACACTGAAAGAGAAGCAGGCTCCTAGGAATGCCTCTAAATCCAGCAGCA
 GCAGCAGGCTAAAGGATTTCAAAGAGACAGTCAAGCAACATGATCCACAGCAGGCCTTCCCTGGCTTCTCA
 GACCAGTGCAGGATCTCCCTGTGTAGGTAGGGCAGGAGACCAGCTAGACAAGATACCACCAAGGAACTTC
 CCTTACAGGCTCGGGGCTGGGAAACGGAGAGTACCAGTAGTGAGGCAAAATCCAGTTCTTCCAGCAAGT



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ACCGCCCAACATGGAGACCTAAACGAGAATCTCTAAATATTGACAGCATTTTTAGTAAGGACAGAAGGAA
GCATTGTGGCTACACCCAGCTTAGGACCTTTCTGAAGATGCAGCTAAAGAAATTTACACCGGATGAAGTA
AGCAAGCCAACCTGCTAATGACATTAAGATGGCGGATCAAGGTACAGCATAAACTCTGGGGAACAGCTC
GGCCAGGCTCTCATCTTTTAGAGCAGCATCCTCGCCTAATCCAGCGGATGGAATCTGGCTATGAGAGCAG
TGAGAGGAACAGCAGCAGCCCTGCAGTTTGGATGCTGCCCCGCCTGACAGCGTGAATGTCTACAGGGAT
CAAAGCACAAAGAGGCCCTGTTGGGTTTGTCCCTTCTTGGCGTCATATTCCAAAGTCTCACAGCAGTAGCA
TCCTGGAGGTAGACTGTACAGCACCCATGACCAGCTGGACAAAGACTCAACCTCTCTCAGATGGGGAGCT
CACCTCTAGAAGTGAATTGGATGAACTACAGGAAGAAGTGGTCAGGCGAGCCAGGAACAGGAGCTGCGG
AAGAAACGGGAGAAGGAATTAGAGGCTGCTAAAGGCTTTAACCTCATCCCAGCCGCTACATGGATTTGG
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CTTTCTTCCACTCACCTGCTTCCCTGCCCCTGAGTTACACTCATCTCATCCCAGAGTCACCTGTTTCATC
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AATCGCTCTGCATTCCACAGGCAGGGTTTACCTAAAGCAACAGGTAGAAGTGAAGTGAAGTCTCAACATG
AATGCCTGCCATTAGATGCCCTTGAAGTAGGCTCCAAGGCCACAGGGAGGACAACAGCTGTTGCAGCAA
ATTCCCACCACGAGAAGGAGAGACATAGCTCAAGATCAGCTGTTTGAAGGAAAAAAGAATCCTGCTGAT
ATATCCATGGGGATGCCTTGGTCATATTAACAGGAGAAGCCACTTCTGAGAGAGTTATATATAGCCTAA
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TGCTTTCACCTGTGCTTTCATGCTGCTGACCCCATGCAGAAACTTAACCAACAGCTTCAAGCCAAAGT
CTCCAGACTTCATTGACTTCAAAAGTGGTCAGAAGCAGTGAGGAGCCCTATAGGCTAGAGTTCCCCAGTA
CAAAAGGACTTGTCCGCTCATTGGCAGAGCAATCCAGAAGATGCAGAATACTTCCACGAGAGATGTTAT
AGGTTCCAGGATAGAAGTTTGCCTAAATGGTGTGAGGAGGCTTCTCTCTTCTGACTTTATGCCTCCA
TTATCCCAGGGTCCAGGAAGAGAGCACTGTGCTGGTAAAACAACCCGTTCCCCCGATGGCAGGGAAA
GACCGCCTGCTGGGAAGACCCTGCAGCTCATCTCTCTTCCATGGGCTCGGGCTTCTGATGGTGA
AACCTCGAGGACAGCACAGCCAGGCTGGCTGAGCCAGATATGTACCAAGGAAAGCTACCCCAAGTGACA
GATATTAGGTTCAAGGAGCTGGGTAGTAGTGTCAATTTGGGACTTCTTGCCTTTGGATTCTTGGGTAA
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ACAGAGCAGGAGACCTCTGAACTGGAGTCTCTCTACCAAGCCAGCCTTACGGCCTTCTCTCACACTGCCT
ATTCTGATTGGAGATCACAGGATGTGGCCTGGCAGCCACTTAGCCTAGCAGGCTCTGCAGATGGCATGGG
AAGGAGACTGCACTCAGCCCTGGGCTTGTCTCTCAAAGCCTCTGACAGCAGAGATGGAGCATGTCCTT
TATGAACCGAGCACAGTGCCTGTCTCAGGATTCATCAAACGTGAGGAAAAAGACTTTGGAAACCGGGC
ACCATTGTTCCAGCTCCTTCCCTCCCTGTATCCATGATCCTCCTGTATTTCTCTTGATCCTAAACT
CTACCCCTCCCAACCACAGTTCTGTCCCAGATGTCTGTATGCCAGCATGGCAGGGGAGCCCTATAGA
CCCCAGGAACCTCAAGGAGTGTCCACCAGTTTCTGGCTATGTGTGACAGGGATGAACTCCCAAGGGG
TCAAGTACACAGGAAGGACTTTGAACTACCGAAGTCTACCTCATCGTTCAGAACTGATGCTTCTGGGG
ACCAGGGTCCAGAGACCAACCAGCACATTGGGGCCAGAGTCTAACTATGCCAGCATGCAAGCCTCAGCTA
ACCTACACTGCCACACTACCAGAAAGACACCAGGGCCTTCAAGTTCACATGCTCAGTCTGGGGGAATC
TTTTCCACTCACCTCCCATCTTCTGTGTTACCCAGGGTCCCACCATCCAGCAATCTTATGTACC
CCTTAGGTCAACTTGAATTTCTGGTCTGTTCTGGGGTCCCGAACCTGGTCCACGAAGAATAGACATG
CCCCAGATGATGACTGGAGACAGAGCAGTTACCCCTCCCAGGACAGACAGGAGCCAGGAGAGGAAA
GAATTATGTTTGCTCTATCAAATGCTGCTGGAAGAGAGCAGAACAGGGTGAGATTTCTACAGCACAGCAG
GTGGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:	NM_030180
Insert Size:	4767 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:	<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:	NM_030180.2 , NP_084456.2
RefSeq Size:	6495 bp
RefSeq ORF:	4767 bp
Locus ID:	78787
UniProt ID:	Q8BL06
Cytogenetics:	14 A3
Gene Summary:	Has no peptidase activity.[UniProtKB/Swiss-Prot Function]