

Product datasheet for MC210996

Usp46 (NM_177561) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Usp46 (NM_177561) Mouse Untagged Clone
Tag: Tag Free
Symbol: Usp46
Synonyms: 1190009E20Rik; 2410018I08Rik; AI451644
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC210996 representing NM_177561
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGACTGTCCGAAACATCGCTCCATCTGTAATATGGGCACCAATGCCTCTGCTCTGAAAAAGACATTG
 GACCAGAGCAGTTTCCGATCAATGAACACTACTCGGATTGGTCAATTTTGGAAACATGCTACTGTAA
 CTCGGTGCTTCAAGCGCTGACTTCTGCCGGCCGTTCCGGGAGAATGTGTTGGCATAACAAGGCCAGCAA
 AAAAGAAGGAAAACCTGTTGACATGCCTGGCAGACCTTTCCACAGCATTGCCACGCAGAAGAAGAAGG
 TTGGCGTCATCCACCAAGAAGTTCATTTCAAGGCTGAGGAAAGAGAACGATCTCTTTGATAACTACAT
 GCAGCAGGATGCTCACGAGTTCTTAAATATTTGCTAAACACTATTGCGGACATCCTGCAGGAAGAGAAG
 AAACAGGAAAAACAAAACGGGAAGTTAAAAACGGCAACATGAACGAACCAGCCGAGAACAATAAGCCAG
 AACTCACCTGGTCCACGAGATTTTTCAGGGAACACTCACTAACGAACTCGATGCTTGAAGTGTGAAAC
 TGTGAGTAGCAAAGATGAAGATTTTCTTGACCTCTCTGTCGATGTGGAACAGAACACCTCCATCACCCAC
 TGTCTGAGAGACTTCAGCAACACAGAAACGCTGTGTAGTGAACAAAAATATTATTGTGAAACATGTTGCA
 GCAAACAGGAGGCTCAGAAGAGGATGAGGGTAAAAAGCTGCCCATGATTTTGGCCCTGCACCTCAAGAG
 GTTCAAGTACATGGAACAGCTCCACAGGTACACCAAGCTGTCTTACCGGGTGGTCTTCCCTCTGGAACCTC
 CGGCTCTTCAACACCTCCAGCGATGCTGTGAACCTGGACCGCATGTATGACCTGGTTGCTGTGGTCTGTT
 ACTGTGGAAGTGGTCTAACCGTGGCATTACATCACCATCGTAAAAAGTCATGGCTTCTGGCTGTTGTT
 TGATGACGACATTGTAGAGAAAAAGACGCTCAAGCCATTGAGGAATTCTATGGTCTAACGTCAGATATA
 TCAAAAAATTCAGAACTGGATATTTTTATTCTATCAATCAAGAGAA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_177561



Insert Size:	1101 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_177561.3 , NP_808229.1
RefSeq Size:	3225 bp
RefSeq ORF:	1101 bp
Locus ID:	69727
UniProt ID:	P62069
Cytogenetics:	5 C3.3
Gene Summary:	Deubiquitinating enzyme that plays a role in behavior, possibly by regulating GABA action. May act by mediating the deubiquitination of GAD1/GAD67 (PubMed:19465912). Has almost no deubiquitinating activity by itself and requires the interaction with WDR48 to have a high activity. Not involved in deubiquitination of monoubiquitinated FANCD2 (By similarity). [UniProtKB/Swiss-Prot Function]