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Product datasheet for MC223385

Usp25 (NM_013918) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Usp25 (NM_013918) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Usp25
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC223385 representing NM_013918 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGACCGTGGAGCAGAATGTGCTGCAGCAGAGCGCGGCGCAGAAGCACCAGCAGACATTTTTGAATCAGC TGAGAGAAATTACTGGGATTAATGACGCCCAGATACTCCAACAAGCCCTGAAGGATAGTAACGGAAACTT GGAATTAGCAGTAGCCTTCCTCACTGCAAAGAATGCCAAGACCCCCCCACAGGAGGAGACAGGCTATTAC CAGACAGCGCTTCCAGGCAACGACAGGTACATCAGCGTGGGAAGCCAGGCAGATGCAAATGTAATTGATC TCACTGGAGATGACAAAGATGATCTTCAGAGAGCGATTGCCTTGAGTTTGGCGGAGTCAAACAGGGCATT CAGGGAGACGGGCATAACCGATGAAGAGCAGGCCATCAGTAGAGTTCTTGAAGCCAGCATAGCAGAAAAT AAAGCATGCTTGAAGAGAACACCTATAGAAGTTTGGAGGGATTCTCGAAACCCCTATGACAGAAAAAGAC AAGAGAAAGCTCCAGTCGGTCTGAAGAATGTCGGCAACACCTGCTGGTTTAGTGCAGTTATTCAGTCATT ATTCAATCTTTTGGAGTTTAGAAGATTAGTTCTGAATTACAAGCCTCCATCAAATGCTCAAGATTTACCC CGAAACCAAAAGGAACATCGGAATTTGCCTTTTATGCGGGAACTGAGGTATCTGTTTGCACTTCTTGTTG GTACCAAGAGGAAGTATGTTGATCCGTCCAGAGCAGTTGAGATTCTGAAGGATGCCTTCAAATCCAATGA CTCACAGCAGCAAGATGTGAGTGAGTTTACACACAAGTTATTGGACTGGTTGGAAGATGCCTTCCAAATG AAAGCTGAAGAGGAAACGGATGAAGAGAAGCCAAAGAACCCTATGGTAGAGCTGTTCTATGGAAGATTCC TAGCCATGGGAGTGCTTGAAGGAAAAAAATTTGAGAACACTGAAATGTTCGGTCAGTATCCACTTCAGGT GAACGGGTTCAAAGACCTGCATGAGTGCCTGGAGGCCGCCATGATCGAAGGGGAGATCGAATCCTTACAC TCCGATAACTCAGGAAAGTCAGGCCAGGAGCATTGGTTCACTGAATTGCCGCCGGTATTAACATTTGAAC TGTCAAGATTTGAATTTAACCAGGCATTGGGAAGACCAGAAAAAATTCACAATAAACTAGAATTTCCCCA AGTTTTATATCTGGACAGGTATATGCACAGAAATAGAGAAATAACAAGAATTAAACGTGAAGAGATCAAG AGACTTAAAGATTACCTCACAGTATTACAACAAAGATTAGAGAGATATTTAAGCTATGGTTCCGGTCCCA AAAGATTCCCATTGGTAGATGTTCTACAGTATGCATTGGAGTTTGCCTCCAGTAAACCTGTGTGCACTTC CCCCGTTGATGACATCGATGCTAGTTCCTCAGCAAGTGGCCCCCTACCATCACAGTCCTTACCAAGCACA ACAGAACAGCAGGGACCCTGTGCTTCAGATCTGCCCGGCTCCTCCTCACCCGCATCAGGTGCCGCCCTGC CCTTGAGGTCAGTGATTCACAAACCCTTCACTCAGTCTCGGATACCTCCAGATTTGCCCATGCATCCGGC ACCAAGGCACATCACAGAGGAAGAACTGTGCGTGCTGGAGAGCTGTTTACATCGCTGGAGGACGGAAATA

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GAAAATGACACGCGAGATCTGCAGGAAAGCATATCCAGAATCCATCGAACAATTGAACTCATGTACTCGG
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CCTGCTGATGGAAGATAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_013918

Insert Size: 3168 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_013918.2, NP_038946.2

RefSeq Size: 4432 bp

RefSeq ORF: 3168 bp

Locus ID:	30940
UniProt ID:	P57080
Cytogenetics:	16 C3.1
Gene Summary:	Deubiquitinating enzyme that hydrolyzes ubiquitin moieties conjugated to substrates and thus, functions to process newly synthesized Ubiquitin, to recycle ubiquitin molecules or to edit polyubiquitin chains and prevents proteasomal degradation of substrates. Hydrolyzes both 'Lys-48'- and 'Lys-63'-linked tetraubiquitin chains (By similarity).[UniProtKB/Swiss-Prot Function]