

Product datasheet for MC201746

Usp45 (NM_152825) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Usp45 (NM_152825) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Usp45
Synonyms:	3110003C05Rik; 4930550B20Rik; AI843191; Gcap7
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC027768 sequence for NM_152825
 CCACGCGTCCGGCTGCGGCCCGGGCGGGTAAATAACAGATGCGGGTAAAAGATCCATCAAAAGATCT
 ACCTGAAAAAGGCAAAAGAAATAAAAGACCACTGCTGCCTCATGATGAAGATTCTCCGATGACATTGCT
 GTAGGTCTAACGTGCCAGCACGTCAAGTTATGCTGTCAGTGTGAATCATGTGAAGAAAGCAGTAGCTGAGA
 GTCTGTGGTCAGTTTGTTCAGAATGTTTGAAAGAGAGAAGATTCTGCGATGGACAGCCAGTACTGCCTGC
 TGATGTTTGGTTGTCCTCAAGTGTGGTTGCAGGGATGCGGTAAAACTCAGAAAGCCAGCATTCACTG
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 GTTATGAATGCAATGAAAAGTTGTCGACACATTGCAACAAGAAAGTTTGGCTCAAATAGTTGATTTTCT
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 GAAGCAGGTGAAATAAAGAAGGGGAAGAAAGGCTGCACTGTGCCATCTGTCAAAGGAATTACAACTTAG
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ACGAGGCTTCACAGTGCCCAAAATGCTTTTCAGACCCTTCTCAGAGTTATGTAACACTTCTAAAGAAT
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GATTAGGCTAGATTTTTGCATTATACATTGTTAGCAGAAATGTTAATAAACATTGTGTCATTGCCTAAA AAAAAAAAAAAAAA

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- Restriction Sites:** RsrII-NotI
- ACCN:** NM_152825
- Insert Size:** 2442 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: [BC027768](#), [AAH27768](#)

RefSeq Size: 4004 bp

RefSeq ORF: 2442 bp

Locus ID: 77593

UniProt ID: [Q8K387](#)

Cytogenetics: 4 A3

Gene Summary: May be involved in the maintenance of photoreceptor function.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.