

Product datasheet for MC209208

Endou (NM_001168693) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Endou (NM_001168693) Mouse Untagged Clone
Tag: Tag Free
Symbol: Endou
Synonyms: Pp11r; Tcl-30
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC209208 representing NM_001168693
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAAGGCCCGTGTTCCTTTTATAGTGGCTATGCTCTGTGGTCTAGCCTGGGCTGAAACCTGGAGTCGT
 GCGCATCTCGCTGTCATGAGAAATTAACCGGGATGCTGTCTGCCAGTGTGATCGCCGGTGTCCCCAGCA
 TGATGACTGCTGTGACGACTATGAACATCTGTGCACTGCTGAAGAAGGACCCCCAGAGCCAGAGGCATTC
 CTGGATCCAGAGGACAAGATCCCAACCAGCCACCTCTACTCCGCACCGAGCTCCTGCCAGGGCCGCTGCC
 GGAAGCCTACGACAAGCACCACCTTGCCACTGTAATGACCGCTGCCAGAGTTTGAAACTGCTGTGA
 GGATTTTGACAGTCTGTGTGGTGGTGATCATGAGGGTTTCTCCACAGCAGCGATGCCGTCATAAGGAG
 GAGCTTGAGAGCATCTCCGAGACCATCTACAGGGTAGATACCAACAAAGCCAGAAGGAAGACATTGTGC
 TCAACAGTCAGAACCGGATCTCCCATCAGAGACGGGGAACCAAGTGGATCGAAGCCAGAGCCGCTCTT
 CACTTACGTCAACGAGAAGCTGTCTCCAAGCCTACCTATGCAGCCTTTATCACTTACTCAACAATTAC
 CAGCGGGCCACAGGCCACGGGGAGCATTTCAGTGCCAGCAACTGGAGGAGCAGGGTGTCTTCTCAGGG
 AGGTCATGAAGACGGCTGTCATGAAGAACTCTATAGCTTCTCCATCACAAAACCGTTACAGCTCAGA
 ACAAGAGTTTGTGGACGATTTGAAGAACATGTGGTTTGGCTGTACTCGAGAGGCAATGATGAAGGGGAC
 TCGAGTGGCTTTGAACATGTCTTCTCTGGCAAGTGAAGAAAGGCAAGGTCAGTGGCTTTTATAACTGGA
 TCCGCTTCTACCTGCAGGAGAAGGAGGGTCTGCTGGACTACTACAGTCACAACTACGACGGGCCCTGGGA
 CTCCTACCCCGATGTCTGGCCATGCAGTTCAATTGGGATGGCTACTACAAAGAAGTGGGCTCGGTCTTC
 ATTGGCAGCAGCCCTGAGTTCGAGTTTGCCTTTACTCTCTGTGCTTCATCACCAGGCCAGGCAAAAAGT
 GCCATCTGAGCCTGGGTGGCTATCCTCTGGCCATCCAGACCTACCTGGGATAAGACCACCTACGGAAA
 TGGCAAGAAGTACATTGCCACAGCCTACGTGGTGTCTTCTCCCA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001168693
Insert Size:	1239 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:	<u>NM_001168693.1</u> , <u>NP_001162164.1</u>
RefSeq Size:	2405 bp
RefSeq ORF:	1239 bp
Locus ID:	19011
UniProt ID:	<u>Q3V188</u>
Cytogenetics:	15 53.7 cM
Gene Summary:	<p>Endoribonuclease that cleaves single-stranded RNAs at uridylates and releases products that have 2'-3'-cyclic phosphate termini.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) contains different segments for its 5' UTR and coding region, compared to variant 1. The predicted protein (isoform 2) results from translation initiation at an upstream AUG and has a shorter N-terminus, when it is compared to 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.</p>