

Product datasheet for **MC207839**

Dxo (NM_033613) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dxo (NM_033613) Mouse Untagged Clone
Tag: Tag Free
Symbol: Dxo
Synonyms: Dom3z; NG6
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207839 representing NM_033613
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAACCCAGAGGGACTAAGAGAAAAGCGGAGAAGACAGAGGTGAAAAGCCTTTGCACAACTCCCC
GGGCAGTCCCTTTACTGCGGACACAGCCCTCTGTACTCGGGACCTTCCCGTTCTACCGCGTCCATC
CGAACTGGGCTGCTTCTCCCTGGACGCACAACGCCAGTACCATGGAGATGCCCGAGCCCTCCGCTACTAC
AGCCCCCTCCCATCAACGGCCAGGCCCGACTTTGACCTCAGAGATGGATACCCTGACCGATACCAGC
CCCGGGACGAGGAAGTCCAAGAGAGGTTGGACATTTGCTGCGCTGGGTCTGGAACACCCGAACAGCT
GGAGGGGGTCCCGGCTGGCTGGCAGGGGCCACGGTGACATGGAGAGGGCACCTGACAAAATTGCTGACC
ACGCCGTATGAGCGGCAGGAGGGCTGGCAGCTGGCAGCCTCCCGTTCCAAGGGACACTGTACCTAAGTG
AGGTGGAGACCCCGGCTGCTCGGGCCAGAGGCTTGCACGGCCACCCCTCCTCCGGAGCTCATGTACAT
GGGCTACAAATTTGAGCAGTACATGTGCGCAGACAAACCCGGAGGCTCCCAGACCCCTCTGGGGAAGTT
AACACCAACGTGGCCTACTGCTGTGCTACGCAGCCGCTGGGAAACCCCTCCTGTCTCCGGGG
AGGTAGACTGCCTGAACCCAGGCTCCTGCACACAGCCTCCCTCCTGCTACGTGGAGTCAAGACATC
CAAGGAGATGCACAGCCCTGGCCAGTGGAGGAGCTTTTACAGACACAAGTTGCTGAAATGGTGGGCTCAG
TCGTTCTCCCGGGTCCACATGTTGTTGCCGGCTTCCGGAACCCAGAAGTTTCGTCTGTTCTTAA
AGACCTTTCTACCATGGAGATGTTGAAAATGTCAGGAATGACCGAGAAGGCTGGAATCCCTCTGTGTG
CATGAACTTCTGTGCTGCCTTCTTAGCTTTGCCAGAGCACAGTAGTCCAGGACGATCCAGGCTTGTG
CACCTTCTCCTGGAACTGGTGGCCCTGTCACTGTGTCTGTCCATCGTGACGCACCCATGCCTTCC
TGCCCTCATGGTATGTGGAGACTATGACCCAAGACCTCCCACACTCTCAAAGACTCCCTCTCCAAGGA
CTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_033613
Insert Size:	1194 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_033613.2 , NP_291091.2
RefSeq Size:	1472 bp
RefSeq ORF:	1194 bp
Locus ID:	112403
UniProt ID:	O70348
Cytogenetics:	17 B1
Gene Summary:	<p>Ribonuclease that specifically degrades pre-mRNAs with a defective 5' end cap and is part of a pre-mRNA capping quality control. Has decapping, pyrophosphohydrolase and 5'-3' exonuclease activities. Has decapping activity toward incomplete 5' end cap mRNAs such as unmethylated 5' end-capped RNA to release GpppN and 5' end monophosphate RNA. The 5' end monophosphate RNA is then degraded by the 5'-3' exoribonuclease activity, enabling this enzyme to decap and degrade incompletely capped mRNAs. Also possesses RNA 5'-pyrophosphohydrolase activity by hydrolyzing the 5' end triphosphate to release pyrophosphates.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript. Variants 1 and 2 both encode the same protein. 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>