

Product datasheet for SC116697

DOM3Z (DXO) (NM_005510) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DOM3Z (DXO) (NM_005510) Human Untagged Clone
Tag:	Tag Free
Symbol:	DOM3Z
Synonyms:	DOM3L; DOM3Z; NG6; RAI1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC116697 sequence for NM_005510 edited (data generated by NextGen Sequencing)

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ATGGATCCACAGGGGACCAAGAGAGGAGCTGAGAAGACAGAGGTAGCTGAGCCTCGGAAC
AAACTACCTCGTCCAGCACCTTCTCTGCCACAGACCCTGCCCTCTACTCTGGGCCCTTT
CCTTTCTACCGGCGCCCTTCGGAAGTGGGCTGCTTCTCCCTGGATGCTCAACGCCAGTAC
CATGGAGATGCCCGAGCCCTGCGCTACTATAGCCACCCCCCACTAACGGTCCAGGCCCC
AACTTTGACCTCAGAGACGGATACCCGGATCGATACCAGCCCCGGGACGAGGAGGTCCAG
GAAAGGCTGGACCACCTGCTGTGCTGGCTCCTGGAACACCGAGGCCGGTTGGAGGGGGGT
CCAGGCTGGCTGGCAGAGGCCATAGTGACGTGGCGGGGACCTGACAAAACCTGCTGACG
ACACCGTATGAGCGGCAGGAGGGCTGGCAGCTGGCAGCCTCCCGTTCCAGGGAACACTA
TACCTGAGTGAAGTGGAGACACCGAACGCTCGGGCCCAGAGGCTTGCTCGGCCACCGCTC
CTCCGGGAGCTTATGTACATGGGATACAAATTTGAGCAGTACATGTGTGCAGACAAACCT
GGAAGCTCCCCAGACCCCTCTGGGGAGGTTAACACCAACGTGGCCTTCTGCTCTGTGCTA
CGCAGCCGCCTGGGAAGCCACCTCTGCTCTTCTCAGGGGAGGTAGACTGCACAGACCCC
CAAGCCCCATCCACAGCCCCCAACCTGCTATGTGGAGCTCAAGACCTCCAAGGAGATG
CACAGCCCTGGCCAATGGAGGAGTTTCTACAGACACAAGCTCCTGAAATGGTGGGCTCAG
TCATTCTCCAGGGTCCCGAATGTTGTTGCTGGCTTCCGTAACCCAGACGGTTTTGTC
TCTTCCCTCAAGACCTTTCCTACCATGAAGATGTTTGAATATGTCAGGAATGACCGTGAC
GGCTGGAATCCCTCTGTGTGCATGAACCTTCTGTGCCGCTTCTTAGCTTTGCCAGAGC
ACGGTTGTCCAGGATGACCCAGGCTCGTTCATCTCTTCTCTTGGGAGCCTGGCGGCCCA
GTCACCGTGTCTGTACACCAAGATGCACCTTACGCCTTCTGCCATATGGTATGTGAA
GCTATGACTCAGGACCTCCCATACCCCCAAGACTCCCTCTCCCAAATAG

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Clone variation with respect to NM_005510.3



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_005510 unedited <pre> GTCAGAATTGTAACGACTCACTATAGGCGGCCGCGAATTCGCACCAGTGGCGACGCACA TACCAGCATCACCTCCGCCAGGCCGGGCCCCACGCCGGCCGCGGATTGGCTCCCTCCAGG GCACGCACGCCCGGGGACTCGTTGGCGGCGTGGAGGGGCGCCGGTGGCCACGTTGGTGTC AACCTCCTTCGTGAAGCTCACACCTCCCCCGCCCCGGGAGGGGTTTGCCCGCCACTGTGCG CTGAATGATTGCATCATCGAAAGCAGAAAACCACTTTTGCATCCTTCGGCCTCTGGCGTG CCTGCCATGACGTCATAGCTCTGCGGAGGTGGAAGTTGGGGAGCTTTGAGGACCTCATGG ATCCCAGGGGGACCAAGAGAGGAGCTGAGAAGACAGAGGTAGCTGAGCCTCGGAACAAAC TACCTCGTCCAGCACCTTCTCTGCCACAGACCTGCCCCTCTACTCTGGGCCCTTTCCTT TCTACCGGCGCCCTTCGGAACCTGGGCTGCTTCTCCCTGGATGCTCAACGCCAGTACCATG GAGATGCCCGAGCCCTGCGCTACTATAGCCACCCCCCACTAACGGTCCAGGCCCAACT TTGACCTCAGAGACGGATACCCGGATCGATACCAGCCCCGGGACGAGGAGGTCCAGGAAA GGCTGGACCACCTGCTGTGCTGGCTCCTGGAACCGAGGCCGTTGGAGGGGGTCCAGGC TGGCTGGCAGAGCCATAGTGACGTGGCGGGGGCACCTGACAACTGCTGACGACACCGTA TGAGCGGCAGAGGGCTGGCAGCTGGCACCTCCCGTTTCAGGNACACTTACCTGAGTGAAG TGAGACACGACGCTCGNGCCCAGAGCTTGCTCGCCACGCTCCTCGGGAGCTTAGTACAT GGATACAATTTGACAGTAATGTGTGCAGACAACTGGAGCTCCCGACCTTGGGGGA </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_005510
Insert Size:	1750 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:	<u>NM_005510.3</u> , <u>NP_005501.2</u>
RefSeq Size:	1590 bp
RefSeq ORF:	1191 bp
Locus ID:	1797
UniProt ID:	<u>O77932</u>
Cytogenetics:	6p21.33

Gene Summary:

This gene localizes to the major histocompatibility complex (MHC) class III region on chromosome 6. The function of its protein product is unknown, but its ubiquitous expression and conservation in both simple and complex eukaryotes suggests that this may be a housekeeping gene. [provided by RefSeq, Jul 2008]