

Product datasheet for **SC320952**

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:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_005510.3
 CTCCGGGATCAGGCCCCGTAGTCTGGGAGGGCGGTGGCGACGCACATACCAGCATCAC
 CTCCGCCAGGCCGGGCCACGCCGGCCGCGGATTGGCTCCCTCCAAGGGCACGCACGCC
 CGGGGACTCGTTGGCGGCGTGGAGGGGCGCGGTGGCCACGTTGGTGTCAACCTCCTTCG
 TGAAGCTCACACCTCCCCCGCCCGGGAGGGGTTTGGCCGCACTGTGCTGAATGATTG
 CATCATCGAAAGCAGAAAACCACTTTTGCATCCTTCGGCCTCTGGCGTGCCTGCCATGAC
 GTCATAGCTCTGCGGAGGTGGAAGTTGGGAGCTTTGAGGACCTCATGGATCCCAGGGGG
 ACCAAGAGAGGAGCTGAGAAGACAGAGGTAGCTGAGCCTCGGAACAACTACCTCGTCCA
 GCACCTTCTCTGCCCACAGACCCTGCCCTCTACTCTGGGCCCTTCTTTCTACCGGCGC
 CCTTCGGAAGTGGGCTGCTTCTCCCTGGATGCTCAACGCCAGTACCATGGAGATGCCCGA
 GCCCTGCGCTACTATAGCCACCCCCCACTAACGGTCCAGGCCCACTTTGACCTCAGA
 GACGGATACCCGATCGATACCAGCCCCGGACGAGGAGGTCCAGGAAAGGCTGGACCAC
 CTGCTGTGCTGGCTCCTGGAACACCGAGGCCGTTGGAGGGGGTCCAGGCTGGCTGGCA
 GAGGCCATAGTGACGTGGCGGGGCACCTGACAAAACCTGTGACGACACCGTATGAGCGG
 CAGGAGGGCTGGCAGCTGGCAGCCTCCCGTTCCAGGGAACACTATACCTGAGTGAAGTG
 GAGACACCGAACGCTCGGGCCCAGAGGCTTGCTCGGCCACCGCTCCTCCGGAGCTTATG
 TACATGGGATACAAATTTGAGCAGTACATGTGTGCAGACAAACCTGGAAGCTCCCCAGAC
 CCCTCTGGGGAGGTTAACACCAACGTGGCCTTCTGCTCTGTGCTACGCAGCCGCTGGGA
 AGCCACCTCTGCTCTTCTCAGGGGAGGTAGACTGCACAGACCCCAAGCCCCATCCACA
 CAGCCCCAACCTGCTATGTGGAGCTCAAGACCTCCAAGGAGATGCACAGCCCTGGCCAA
 TGGAGGAGTTTCTACAGACACAAGCTCCTGAAATGGTGGGCTCAGTCATTCTCCAGGG
 GTCCCGAATGTTGTTGCTGGCTTCCGTAACCCAGACGGTTTGTCTCTTCCCTCAAGACC
 TTTCTACCATGAAGATGTTTGAATATGTCAGGAATGACCGTGACGGCTGGAATCCCTCT
 GTGTGCATGAACCTCTGTGCGCCTTCTTAGCTTTGCCAGAGCACGGTTGTCCAGGAT
 GACCCAGGCTCGTTCATCTCTTCTTGGGAGCCTGGCGGCCAGTACCGTGTCTGTA
 CACCAAGATGCACCTTACGCCTTCTGCCCATATGGTATGTGGAAGCTATGACTCAGGAC
 CTCCCATACCCCCCAAGACTCCCTCTCCCAAATAGTAATGCTTTAGAGGGAGGCAGTCA
 TATCTCTGTGTGCAGATAATAAAGCATATTTCTAAGAAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_005510

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_005510.3](#), [NP_005501.2](#)

RefSeq Size: 1590 bp

RefSeq ORF: 1191 bp

Locus ID: 1797

UniProt ID: [O77932](#)

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]