

Product datasheet for **MC218826**

D6Wsu163e (NM_138594) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	D6Wsu163e (NM_138594) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	D6Wsu163e
Synonyms:	C12orf4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC218826 representing NM_138594
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGAAAAACCGAGAAAGTTCTGCAACAAGGAAAGGGAATTTGTGTACAAGTCCAGGTAGGACGTG
 AGCGCTTAGAGCTGAGAGTGCCCTCAGGTTTCCTGTGGAGGAGAATGCCAGTCATCTGCATGGAGCTCT
 GATGCTGCTGCACAGCTTGCCTTCTCATAGAGAGTGACTTAAAAGATGCTCTGAGCCGTTTATAGAA
 GAAGAATCCCTCAGAGACCATGACACGGATGCAGAAGCATGCTTGGAGGCCGTTAAATCCGGTGAAGTAG
 ATCTGCACCAGCTGGCAAGTGCCTGGGCCAAAGCTTACGCTGAGACCACCTTAGAGCATGCGAGACCTGA
 GGAGCCTGACTGGGACGAAGACTTTGCAGATGTGTACCATGACCTAATCCACTCCCCGGCCTCTGAAACT
 CTCTTAAATCTGGAACACAACACTACTTCGTTAGCATCTCAGAGCTGATTGGTGAAGAGACGTGGAGCTGA
 AAAAGTTACGAGAGAGACAAGGTATTGAAATGGAAAAGGTGATGCAGGAGCTGGGAAATCGCTCACAGA
 TCAAGATGTGAATTCACCTGGCTGCCAGCACTTTGAATCCAGCAAGACTTAGAGAATAAATGGTCAAAT
 GAACTGAAACAGTCTACAGCTATCCAGAAGCAAGAATATCAGGAATGGGTGATAAAGCTTCATCAGGACC
 TAAAAAACCCCAACAACAGCTCCCTCAGTGAAGAGATTAAAGTGCAGCCGAGTCAGTTCCAGAGAGTCTGC
 GGACGCTGCTGGGAGGATCTACGAGGAACAGAGGAAGCTGGAGGAGAGCTTACCATTACCTGGGAGCC
 CAGTTGAAGACCATGCACAACCTGCGGCTGCTGAGGGCAGACATGCTGGACTTCTGTAAGCATAAGAGAA
 CTCACGGGAGCGGCGTGAAGCTCCACCGTCTGCAGACAGCACTGTCCCTACTCCACGTCTCTCTGTGG
 CCTGTTTTGCTAGTAGATAATCGAATTAATTCATATAGCGGCATCAAAGAGATTTTGCCACAGTTTGC
 CAAGAATGTACGGACTTCCACTTCCACGGATTGAGGAACAACCTGGAAGTTGTCCAGCAGGTGGCGCTGT
 ACGCGAGAACCCCAACGCAAGAGCAAGTCAAGAGGCCCGGATTCTGGAACCAAAAATGGAGGAAGTGA
 TGATAAGTCTAAGAATGCTGAGAGAACTATTTAAATATTTTACCTGGAGAATTTTACATTACACGTCAT
 TCTAATCTCTCGGAAATCCATGTTGCTTTCCACCTCTGTGTGGATGATAACGTGAAGTCGGGAAATATCA
 CTGCTCGGGATCCCGCTATTATGGGACTCCGAAACATTCTCAAAGTCTGCTGTACCCATGATATCACAAC
 GATAAGCATCCCTCTCTTGTGTGCATGATATGTGAGGAAATGACTATACCTTGGTGTTTAAGGAGA
 GCAGAAGTGGTATTTAAGTGTGCAAGGTTTCATGATGGAGATGGCTTCATGGGACGGAGGAATTTCTC
 GGACAGTGCAATTTCTGGTACCACAGAGCATTCTGAAGAAATGTTTTATCAGCTGAGCAACATGCTTCC
 CCAGATCTCCGGTCTCTCAACTCAGCTGACATCCAAGCACT**AA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_138594

Insert Size: 1659 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: [NM_138594.3](#), [NP_613060.1](#)

RefSeq Size: 2238 bp

RefSeq ORF: 1659 bp

Locus ID: 28040

UniProt ID: [Q91YN0](#)

Cytogenetics: 6 61.92 cM

Gene Summary: Plays a role in mast cell degranulation.[UniProtKB/Swiss-Prot Function]