

Product datasheet for **RN208642**

Doxl2 (NM_199291) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Doxl2 (NM_199291) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Doxl2
Synonyms:	MGC114229
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN208642 representing NM_199291

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGGTTGGCACAAGGAGCTGGGCACTGGGCTGCACGCCATCATGTCAAGTTCTACAGATGGCCATGG
CAGGGAACCCCAACTGGATGCTGAACGGCAAGGCCAGGTGTTGGCAGACCTGAGCGCCAGGAGATCCA
GGCCGTGCACAGCTTCTGATGAGCAGGACAGAGCTGGATCTGCAGCCATCAGACACACGGGCTTTAGAC
AAGAATTCTGTGCTCCTCATTGAGACACTACTGCCAAGAAGAAGGATGTCTAGAGTTTCTGAATAAAG
AAACCAAGCTCCTGTGCGGGAAGCCCGTGTATCGTTTTCTTTAGTGCCAGGAGCACCCTAATGTCAC
TGAGTTTGTGTAGGGCCCTGCCACAGCCATCTACATGAGAGAACTTTCCCTAGGCTGCGAAACAT
CGATCCTGGGCATCCAGACCCATGTGCAAAGCAGAGCAAAGCCTTCTCTACCACAAAGTCAAGGAGGCCA
CCACACCTTACGGGAGCTTTTCTTTCATACCACCGGCTTCTCATTGGAAGACTGCAATGGCCAGTGTCT
GACCTTACCCATGTGGCCCCCACAGTGTGGAGTCCAGACATCGGGCCACCTGGTTTCTCTTGCAGCGC
ATAGTAAAGAACACCTGCTGCAGCCACAGGCCCTGGAGATCCTTGTGGATCATGGGAGCACAGATGTCC
GGGACTGGAGAGTAGTGCAGGTCTGGTATAATGGGAAGCAGTACAACAGCCACAGGAACCTCGCTCAGAA
ATATGCAGACGGAGAAGTAGATACCATGGTCTCAAGGACCTGCTGCCAAGAACACAGAAGTCCACCA
ATCTTTAACAAGCCCGTGGGAAATTCACACCCCTCAGAAAACTGGCCCCACGTGGAACAAGCCA
ATGGTTCCAGATACAGCCTAGAGGTAACACTGTGATCTACAAAGACTGGAGTTTCTCTTCCAGCTTCTG
ACCCTCTTCTGGGCTGCACATATTGAATGTACACTTCAGGAATGAGTATATAGCCTATGAGATCAGTGTG
CAGGATGTGTGGCTGTGCATAGAGAAAAACACCTGCAGGAGAACTGACCAAGACCATGGACCTAGGCT
GGGGCTGGGCGAGTGTGACTCGTGAGTTAGCCCCCTGGCATCAACTGTCCAGAGACAGCCACCTTCTAGA
CGTCATCCACTACTATGACACTGATGGGCTGTCCGTTATCCACGAGCCCTCTGCATCTTTGAGATACCC
ACAGGGATGCCTGTTAGGCCACCTTTAACCATTTTGCAGGCAAAATCAACTTCTTTTTCAGATGTAATGG
GACACAAGCTGGTGTACGGGCAACTTCAGCACTCTACAATTTTGAATACATCTGGGACTTCATCTTCTA
TTCTTCTGGCATGATCTCAGCCAAGGTGCATGCCACAGGTTACGTTACACACCACCATCTATACCGTGAA
GGACTGGGAGAACTCACCTGCTGACTCACCAACTTGGCCACAGCCACACCCACCTTGTGCATTACCGTG
TCGATCTGGATGTGGCAGGCATCAACAACAGCTTCCACACACTGCAAACAGGCAGAAAAACACCACCAA
CTCCAGCAGCCCAAGACGCTGTACAGGACATAATGGAAGAGACAGTATTCCAGGAGCGTCAGGCC
ACCTTCTCCTTTGGACACACCCTGCCTTATTCTGCTCTTTAGCAGCCCAAGAAGGACATCTGGGGAT
ACCGGCGCAGCTACCGCTTAAAGATCTACTCCACATCTGAGCAGAGTCTGACCCCTGAAACCCAAGAGGA
CTTGGCTTTAGCTGGGCGCGTATTCCCTGGCAGTGAAGCAAACTCGGATTCTGAACGGTACAGCACC
AGCATCTACAACCAGAATCACCCCTGGGATCCCCCTGTGGTCTTTGAGGATTTCTTTCAGAAATGAGA
ATATTGACGATCAGGATTTGGTAGCCTGGGTGACAGTGGGCTTCTCTCATGGGCCCACTCTGAAGCTGT
TCCATATATGGCCTCATCTAGGAATTTGTAGGCTTTTGTCTCTGCCTTCAACTTCTTCTATATCACT
GAAAAAACCTAAGTACAAGTCCCGCAGACGTGGCAGACACTGGATTCTGGAGGCAGGCTCTGCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_199291

Insert Size:

2169 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_199291.1, NP_954985.1</u>
RefSeq Size:	2276 bp
RefSeq ORF:	2169 bp
Locus ID:	312317
Cytogenetics:	4q24
Gene Summary:	seminal vesicle-secreted protein; may bind copper [RGD, Feb 2006]