

Product datasheet for RN209688

Doc2b (NM_031142) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Doc2b (NM_031142) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Doc2b
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN209688 representing NM_031142 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACCCTCCGGAGGCGCGGGGAGAAGGCGACCATCAGCATCCAAGAGCATATGGCCATCGACGTGTGTC
CCGGGCCCATCCGGCCTATCAAGCAGATCTCCGATTACTTCCCCCGCTTCCCGCGGGGCCCCCCAC
CGCCGCGCCCCGCGCCTCCGCGCCCCGGACGCCCCCGCGCTCGCCCCGAGCCACCGCCGGCCCCG
AGCCCCCGACGCGCCCGCGACGACGACGAAGATGTGGACAGCTCTCGGAGCCTACGGTCCAGCC
CAGGCCCCAGCCCCGACCCAGCCCCGTGAGCCGCGCGGCCAAGCCCCGAGGACGAACCCGGACGCCGA
CGGCTACGAGTCAGACGACTGCACCGCCCTGGGTACACTGGACTTCAGTCTGCTCTATGACCAGGAGA
AACGCACTGCACTGCACCATCAGCAAAGCCAAGGGCCTGAAGCCGATGGATCACAATGGACTGGCTGATC
CTACGTCAAACACTACTTGGCTGCTGGAGCCAGCAAGGCAAATAAGCTCAGAACAAAAACCTACGGAA
CACTCTGAACCCCTCCTGGAACGAGACCCTCACCTATTACGGGATCACGGATGAGGACATGATCCGAAA
ACCCTGAGGATCTCCGTGTGTGACGAGGACAAATCCGCCACAACGAGTTCATCGGAGAGACTCGAGTGC
CCCTGAAGAAGCTGAAACCAACCAACCAAGACATTACGATCTGCCTGGAGAAGCAGCTGCCGGTGA
CAAGGCAGAGGACAAGTCCCTGGAGGAGCGTGGCCGCATCCTCATCTCTCAAGTACAGCTCACAGAAG
CAGGGCCTGCTGGTGGGCATCGTTCGCTGCGCACACCTGGCGCCATGGATGCTAACGGCTACTCAGACC
CCTACGTGAAAACATATCTGAAACCAGATGTAGACAAGAAATCCAAGCATAGACCAGTCAAGAGAA
AACACTAAACCCGTAATCAATGAGGAGTCTGTTACGAGATCAAGCATGGAGACCTAGCAAAAAGACC
CTGGAGGTCAGTGTCTGGGACTATGATATTGAAAATCCAATGATTTTCATCGGTGGGGTGGTTCTGGGCA
TCAATGCCAAGGGTGAAGCCTGAAGCACTGGTTTGTGCTGAAGAACAAGGACAAGAGGATTGAGCG
TTGGCACACGCTACCAATGAGATCCCAGGGGCTGTAAGCAGCGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



[View online »](#)

ACCN:	NM_031142
Insert Size:	1239 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:	<u>NM_031142.1</u> , <u>NP_112404.1</u>
RefSeq Size:	1800 bp
RefSeq ORF:	1239 bp
Locus ID:	81820
UniProt ID:	<u>P70610</u>
Cytogenetics:	10q24
Gene Summary:	mouse homolog is a calcium-dependent phospholipid binding protein involved in constitutive membrane trafficking [RGD, Feb 2006]