

Product datasheet for **RG224662**

DBX1 (NM_001029865) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DBX1 (NM_001029865) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	DBX1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG224662 representing NM_001029865 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATGTTCCCCGGCCTCCTCGCGCCCCCGCCGGGTACCCTAGCCTCCTGCGGCCACGCCACCTTGA
CGCTGCCCCAGTCCTTGCAGTCGGCATTTCGGGCCACTCCAGCTTCTGGTGGAGGATCTGATCCGCAT
CAGCCGACCCCCGCCTACCTGCCCGCAGCGTGCCACCGCCAGCATGTCGCGCCAGGCAGGGGGCC
CCCACGGCCCTCACCGACACGGGGCCCTCGGACCTGGGCTCCCGGGTCCCGCAGCCGACGGGGCCGCT
CTCCGCGACTGCCTTCTCCCTGCCAGCGAGACGACGTTTCTGAAGTTTGGAGTGAACGCCATCCTCTC
CTCGGGGCCAGAACAGAAACATCCCCAGCCTTGCTCCAGAGCGTCCCTCCCAAGACCTTCGCCTTTCCC
TACTTCGAAGGGTCTTTTCAGCCTTTCATCAGATCTTCTTATTTCCAGCTTCTCCAGCGTGGTGCCCA
TCCCCGGGACCTTCTCCTGGCCGCTGGCCGCGCGGGAAGCCTCGGCGGGCATGCTGCGTCGAGCAGT
CTTCTCCGACGTGCAGCGGAAGGCGCTGGAGAAGATGTTCCAGAAGCAGAAGTACATCAGCAAGCCCGAC
CGCAAGAAGCTGGCGGCAAGCTGGGCTGAAAGACTCGCAGGACACAGCCCGAAGGACAGAGCCTGCAC
CCGACTCCACTCCCCGCCCGTGGTCCCCGGAGCCCTGATCTGACCTCTGCTTCTCCCTTCTTCTC
GCCGGCCGGGACATTCCAGGTGAAAATCTGGTTCCAGAACCGACGCATGAAATGGCGGAAGTCCAAGGAG
CGCGAACTCCTGTCTAGCGGGGGCTGTGCGGAGCAGACCTGCCACCAAGCTCAATCCGCACCCGGACC
TCAGCGAGCTGGGCCAGAAAGGCCCTGGGAACGAAGAGGAGGAGGGCCCGGGCAGCCCCAGCCACCG
CCTGGCCTACCACGCGTCTCCGACCCCAAGCCTGCGGGACCCGCGGCTGCCAGGGCCGCTGCCCCCC
TCGCCCCGCACTCGAGCAGTCCCGGAAACCTTCGGACTTCTCAGATCCGAGGAGGAAGAGGAGGGCG
AGGAACAGGAGGAAATCACCGTGTCC

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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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_001029865.1](#), [NP_001025036.1](#)

RefSeq Size: 1149 bp

RefSeq ORF: 1032 bp

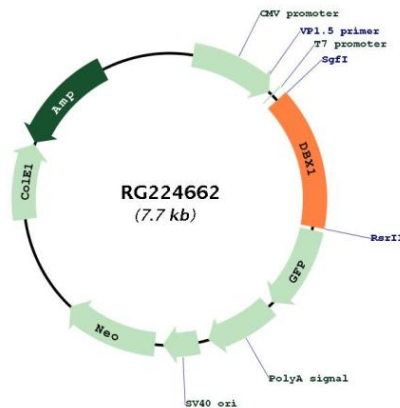
Locus ID: 120237

UniProt ID: [A6NMT0](#)

Cytogenetics: 11p15.1

Gene Summary: Could have a role in patterning the central nervous system during embryogenesis. Has a key role in regulating the distinct phenotypic features that distinguish two major classes of ventral interneurons, V0 and V1 neurons. Regulates the transcription factor profile, neurotransmitter phenotype, intraspinal migratory path and axonal trajectory of V0 neurons, features that differentiate them from an adjacent set of V1 neurons (By similarity). [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG224662