

Product datasheet for **RR202620**

Panx3 (NM_199398) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Panx3 (NM_199398) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Panx3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR202620 representing NM_199398 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCACTCGCACACACAGCGGCAGAGTACATGCTCTCCGATGCCCTGCTGCCTGACCCGAGGGGCTCTC
GGCTCAAAGGGCTGCGTCTGGAAGTCCCGTGGATAAGATGGTCAAGTTCGTTACTGTGGGCTTTCCCTT
GCTGCTGATGCTCTGGCTTCGCCAGGAGTTCATCAGGGTCCGATCAGCTGCTTCTCTCCAGC
AACTTCAGTGTCAGACAGGCTGTGTTTGTGGACAGCTCCTGCTGGGACTACTGGCTCACTATAAACAGG
ATGAGGCTGGACAGTACACGGTAAATCTCTGGCCTACAAGGCTCTCCCTACTCTCTACTGGCCCT
GGCTGTGGCCATGTATCTGCCAGTGTGCTCTGGCAATATGCAGCTGTGCCAGCCCTCAGCTCAGACCTG
CTATTCATCATCAGTGAGCTGGACAAGTCTTACAACCGCTCCATCCGCCTGGTACAGCACATGCTGAAGA
TCCGGCAGAAGAGCTCTGACCCTCATGTCTTCTGGGATGAGCTAGAGAAGGCCCGGAAGGAACGGTACTT
TGAATTTCCCTTGCTAGAGCGGTACCTGGCATGCAAGCAGCGCTCCATTGGCTAGTGGCCACCTACCTC
CTGAGGAACGCCCTTTTACTCCTCTTACCTCAGCCACTTACCTGTACCTTGGCCACTTCCATTTAGACG
TCTTCTTTCAGGAAGAATTCAGCTGCTCCATCAAGACAGGCTACTCCATGAGGAGACCCACGTGCCAGA
GCTGATCATGCAGGCTGACCTCCCTGTGTATTCCAGATTGTGAGTGTCTCCAGTGTAGCAATATAC
ACCGTACTGGTCCAGTGATAATATACAACCTCACGCGGCTGTGCCGGTGGGACAACGACTCCTCTCCA
TCTACGAGATGCTCCAGCTTTTGTCTCCTCAGTAGAAAGATGTAGGGTGCCTCAATGACCTCAA
TGTGATCCTTCTTTCTCCGAGCTAATATCTCTGAGCTCATCTTTTACTGGCTGAGTGTCTTATGT
GTGTTGAAGGATACAACCCAGAAACACAACATTGACACAGTGGTCGATTTTATGACCTTATTGGCTG
GCTTAGAACCTCAAACCTAAACATCTCACCAACATACGTATGATGAACCCCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >RR202620 representing NM_199398
 Red=Cloning site Green=Tags(s)

MSLAHTAAEYMLSDALLPDRRSRLKGLRLELPLDKMVKFVTVGFPLLLMSLAFQEFSSGSPISCFSPS
 NFSVRQAVFVDSWCWDSL AHYKQDEAGQYTVKSLWPHKALPYSLLALAVAMYLPVLLWQYAAVPALSSDL
 LFIISELDKSYNRSIRLVQHMLKIRQKSSDPHFVWDELEKARKERYFEFPLLELYLACKQRSHWL VATYL
 LRNALLLLFTSATYLYLGHFHLDVFFQEEFSCSIKTGLLHEETHVPELITCRLTSLSVFQIIVSVSSVAIY
 TVLVPIIYNLTRLCRWDRKLLSIYEMLPAFDLLSRKMLGCPINDLNVILLFLRANISELISFSWLSVLC
 VLKDTTQKHNIDTVVDFMTLLAGLEPSKPKHLTQHTYDEHP

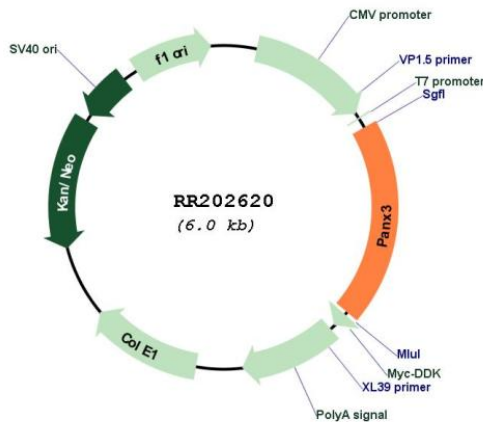
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_199398

ORF Size:	1176 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_199398.1 , NP_955430.1
RefSeq Size:	2422 bp
RefSeq ORF:	1179 bp
Locus ID:	315567
UniProt ID:	P60572
Cytogenetics:	8q21
MW:	45 kDa
Gene Summary:	member of the gap junction family; expressed in brain [RGD, Feb 2006]