

Product datasheet for **MG218715**

Pcnx3 (NM_144868) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pcnx3 (NM_144868) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Pcnx3
Synonyms: mKIAA4073; Pcnxl3
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG218715 representing NM_144868
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGGTCTCAGGTGTTGCAGATCCTGCGCCAGGGGGTGTGGCCTCGCTCACTGGGGATGGTTCTTCG
 ATCCGCATCAGAGCACCTTCTCCAAGTCTCCATCTCTATGTCTGGATCTTCTTGCTCATCTTTCCCTT
 CTTGCTGTACATGGTCTGCCCGCAGCCTGATGGTGGCTGGAGTGTACTGCCTGGTGGTAGCTGCATC
 TTTGCTACCATCAAGACTGTGAAGTATCGCTGCATGCCATGTTCCGACCGGGCAGATTGTGGAGAAAC
 GCAACTCTACCATGGGGAGCAGGAAGAAGAGGGTGCCAGGGGGAGAGCAGTCTCCAAGGGACCTGG
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 AACTCCCATGAGCCCTTACTGAAAGGGAGCCTCAGCCAGGAGCTAAGCAAGAGCTTTCTGACCCTGAC
 CCGGCTGACCGGGCCCTAGTGAGGACAGTAGTCGGCGGGAACAATGTCGGGGAAGTGGAGGCTACCAG
 CCCCTGGACCGGAGGGGCTCAGGTGACCCATGCCCGAGAAAGCTGGCTTTCGATTCTTCTCAGTG
 GCACTGACAGGGAGACTCTGAGCAGCTTCAAGAGTGAGAAGACTAACTCTACACACTCGACAGTCCCCC
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ACGCCAGTACTGCCAGTGCCAAAACATGCCCGTGTGTTGAGCATGGATGGGGCAGGGGGTGATGTCT
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 CGCAACCTGAGCGCGGACGATCCAGAATGCCAAGCAGGCACTCCGCAACATGATCAATTCCTCTGCG
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 CCCAATCTCAGGCCCTCTAGACCTCAGCCTCAGTCTGATGTCAGCTCTGAGGCTCACCTGCCAGAA
 CCACCCAGGACCTTCTTGTGGACAGCAGTATTCTGAGGGTGCACACCTCCGGTCCCCAGGTGA
 CTGGCTGCTCTGAGGACGCGAGAGCCCGGCTGCCAGCCCTTGTGGAGCATCAGTAC

ACGCGTACGCGGCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG218715 representing NM_144868
 Red=Cloning site Green=Tags(s)

MGSQVLQILRQGVWASLTGGWFFDPHQSTFSNCFHLYVWIFLLIFPFLLYMLPPLSMVAGVYCLVVAVI
 FATIKTVNYRLHAMFDQGEIVEKRNSTMGEEAAQGESSLPRDPGVENTVFRKVSSTPPVRCSSQHSV
 FGFNQVSELLPRMEDSGPLRDIKELVREQSNNVIVTSADREMLKLSQEKLIGDLPQTTPGVVPDPSLP
 STDSSERSPMAGDVPWGGSGVADTPMSPLLKGSLSQELSKSFLTLTRPDRAVVRTSSRREQCRGTGGYQ
 PLDRRSGDPMMPQKAGSSDCFSGTDRETLSSFKSEKTNSTHLDSPPGGHAPEGSDTDPPEAEASPDP
 AGVPSDDTLRSFDTVIGAGTTPGQTEPLL VVRPKDLALLRPSKRRPPMRGHSPPGRTPRRPLLEGSFFE
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 TPSTASAKTHARVLSMDGAGDVLRAPLAGSKAELEAQPMELEAAGEPAVLPPEARRGPAANQPGWRGEL
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 TSVRYERLALLALLDRTRGMENIFGVGLSSLVAFLGYLLLLKGFFTDIWWFQFCLVIAACQYSLKSVQ
 PDAASPMHGNWVIAYSRPVYFICCLLIWLLDALGTAQFPFVSLYGLTLFSAFFFCARDVATVFTLC
 FPFVFLGLLPQVNTCLMYLLEQIDMHGFGGTAATSPLTAVFSLTRSLLAALLYGFCGAIKTPWPEQH
 VPVLFVFCGLLVAMSYHLRQSSDPTVLSLVRSKLFPELEERSLETARVEPPDPLPEKMRQSVREVLH
 SDLVMCVIAVLTFAVSASTVFIALKSVLGFVYALAGAVGFFTHYLLPQLRKQLPWFCLSQPVLPKLEY
 SQYEVGAAQVMWFEKLYAGLQCAEKYLIYPAVVLNALTVD AHTVVSHDPKFCLYCRALLMTVAGLKLLR
 SAFCCPPQYLTAFVTLVLLFHFDPRLSQGFLLDYFLMSLLCSKLWDLLYKLRVLTYYIAPWQITWGSF
 HAFAPFAVPHSAMLFLQALLSGLFSTPLNPLLSAVFIMSYARPLKFWERDYNTKRVDSNTRLVTQLD
 RNP GADDNLSIFYEHLTRSLQHTLCGDLVLRWGNYPGDCFLASDYLNALVHLIEVGNGLITFQLR
 GLEFRGTYCQREVEAITEGVEEDEGCCCEPGLPRVLSFNAAFGQRWLAWEVASKYVLEGYSISDNN
 AASMLQVFDLRKILVYVYKSIYYVSRSPKLETWLNHEGIAAALRPVRLGYADSDPTFSLSVDEYDL
 RLSGLSLPSFCVHLEWIQYCASRRSQPVDQDWSPLVTLFCGLCVLGRRALGTASHSMSASLEPFLYGL
 HALFKGDFRITSPRDEWVFAADMLLHRVAVGVRMALKLHQDHF TSPDEYEPAALYDAIAANEERLVIS
 HEGDPAWRSAI LSNTPSLLALRHVMDDASDEYKIIMLNRRHL SFRVIKVNRECVRGLWAGQQQELVFLRN
 RNPERSIQNAKQALRNMINSSCDQPLGYPIYVSPLT TSLAGSHPQLRALWGGPVS LGAIARWLLRSWER
 LHKGCGCAGCNSGNDSDCGGGGLTSLSNHPPLAHPTPENAAGSSEQPLPPGPSWGPSPSLSGSGDGR
 PPPLLQWPPRPLPGPPASPAPTEGPRPSRPSGALLNSEGSPGKWSLGGKGLGGPDGEPASGSPKGGT
 PKSQAPLDLSLSPDVSSEASPARTTQDLPLDSSIPEGCTPSGAPGDWPVPAEERESPAAQPLLEHQY

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

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_144868.3</u> , <u>NP_659117.2</u>
RefSeq Size:	7281 bp
RefSeq ORF:	6087 bp
Locus ID:	104401
UniProt ID:	<u>Q8VI59</u>
Cytogenetics:	19 A