

Product datasheet for **SC305706**

Pannexin 3 (PANX3) (NM_052959) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pannexin 3 (PANX3) (NM_052959) Human Untagged Clone
Tag:	Tag Free
Symbol:	Pannexin 3
Synonyms:	PX3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_052959 edited
 ATGTCACCTTGACACACAGCTGCAGAGTACATGCTCTCAGATGCCCTGCTGCCTGACCCG
 AGGGGACCCCGCCTCAAAGGACTGCGTCTGGAAGTCCCTGGACCGGATAGTCAAGTTC
 GTAGCTGTGGGCTCCCCCTTGTGCTGATGTCCCTGGCATTGCGCCAGGAGTTCTCCTCT
 GGGTCTCCGATCAGCTGCTTCTCTCCAGTAACTTCAGCATCCGGCAGGCAGCCTACGTG
 GACAGCTCCTGCTGGGACTCACTGCTTACCATAAGCAGGACGGGCTGGCCAGGACAAA
 ATGAAATCTCTGCCCCACAAGGCCCTCCCCTACTCCCTGCTGGCCCTGGCCTTGCTC
 ATGTACCTGCCGGTGTGCTGTGGCAGTATGCAGCTGTGCCAGCCCTCAGCTCCGATCTG
 CTGTTTCATCATCAGCGAACTGGACAAATCTTATAATCGCTCCATCCGCTCGTGCAGCAC
 ATGCTGAAGATCCGGCAGAAGAGTTCGGACCCCTATGTGTTCTGGAATGAGCTGGAGAAG
 GCTCGGAAAGAACGATACTTTGAATTCCTTTGCTAGAGCGGTACCTGGCATGTAAGCAG
 CGTTCACATTCGCTAGTGGCTACCTACCTCCTGAGGAACTCCCTCTTGCTCATCTTCACC
 TCCGCCACTTACCTATACCTTGGTCATTTCCATCTGGATGTCTTCTCCAGGAAGAATTC
 AGCTGCTCCATCAAGACAGGGCTGCTAAGTGATGAGACCCATGTCCCAATCTGATCACA
 TGCAGGCTGACATCACTGTCCATTTTCCAGATTGTTAGCCTCTCCAGTGTAGCAATATAC
 ACCATATTGGTCCAGTGATAATATAACCTCACACGGCTATGTCGGTGGGACAAACGA
 CTTTTATCTGTCTATGAGATGCTCCAGCTTTTGATCTCCTCAGCAGAAAGATGCTAGGA
 TGTCCCATCAATGACCTCAATGTGATCCTTCTTTTCTCCGAGCTAACATCTCTGAGCTC
 ATCTCTTTTAGCTGGCTGAGTGTCTTATGTGTGTTGAAGGATACAACCCAGAAAGCAC
 AATATTGACACAGTAGTTGATTTTATGACTTTATTGGCTGGCTTGAACCCCTCAAACCC
 AAACACCTCACCAACTCGGCATGTGATGAACACCCATAG

Restriction Sites:	Please inquire
ACCN:	NM_052959
Insert Size:	1200 bp



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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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_052959.2 , NP_443191.1
RefSeq Size:	1609 bp
RefSeq ORF:	1179 bp
Locus ID:	116337
UniProt ID:	Q96QZ0
Cytogenetics:	11q24.2
Protein Families:	Transmembrane
Gene Summary:	The protein encoded by this gene belongs to the innexin family. Innexin family members are known to be the structural components of gap junctions. [provided by RefSeq, Jul 2008]