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Product datasheet for SC126624

PCNXL2 (PCNX2) (NM_014801) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PCNXL2 (PCNX2) (NM_014801) Human Untagged Clone
Tag:	Tag Free
Symbol:	PCNXL2
Synonyms:	PCNXL2
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_014801, the custom clone sequence may differ by one or more nucleotides

ATGGTGTCCCAGGTGCTGCAGCTGCTCCGGCAGGGCGTGTGGGCCGCGCTCACCGGGGGCTGGTACCACG
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_014801 unedited
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3' Read Nucleotide Sequence:

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>OriGene 3' read for NM_014801 unedited
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```

Restriction Sites: NotI-NotI

ACCN: NM_014801

Insert Size: 2930 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:
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_014801.2, NP_055616.2

RefSeq Size: 6817 bp

RefSeq ORF: 1755 bp

Locus ID: 80003

UniProt ID: A6NKB5

Cytogenetics: 1q42.2

Domains: Pecanex_C

Protein Families: Transmembrane

Gene Summary: This gene contains coding mononucleotide repeats that are associated with tumors of high mcrosatellite instability (MSI-H). Defects in this gene are involved in the tumorigenesis of MSI-H colorectal carcinomas. [provided by RefSeq, Jun 2016]
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This sequence is assembled by in silico methods with additional support of similarity to mouse proteins contained in NM_175561.3.