

Product datasheet for SC319880

PAXX (NM_183241) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: PAXX (NM_183241) Human Untagged Clone
Tag: Tag Free
Symbol: PAXX
Synonyms: C9orf142; XLS
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_183241.1
CGCCGGGTTCCCGCTCGCCCGGCCATGGATCCGCTGTCGCCGCCGCTCTGCACGCTGC
CGCCGGGCCCCGAGCCGCCCGCTTCGTGTGCTACTGCGAAGGGGAGAAAGCGGGGAGG
GGGACCGCGCGGCTTCAACCTCTACGTGACCGACCGCGGAGCTTTGGAGCACCTGCT
TCACGCCGGACAGCCTGGCGGCCCTCAAAGCCCGTTTTGGCCTGAGTGCGGCTGAGGACA
TCACCCCCGGTTCAGGGCAGCCTGTGAGCAGCAAGCTGTGGCTCTGACTCTGCAGGAGG
ACAGAGCATCCCTGACGCTTTCAGGGGGCCCTCGGCACTGGCCTTTGACCTCTCCAAGG
TACCAGGCCAGAGGCAGCCCCAGGCTGCGGGCGCTGACACTGGGCTGGCAAACCGG
TGTGGAGCCTGGAGCGGCGACTGGCAGCTGCAGAAGAGACAGCTGTCAGCCCGAGGAAGA
GCCCCCGCCTGCAGGGCCTCAGCTCTTCTTACCAGACCCAGATCCCAGAGAGGTGGCC
CTGGACCTGGAGTCAGGAGGCGGTGTCCAGGAGAGTCGCTCATCAACCCCGGTTCAAGA
GTAAGAAACCAGCTGGTGGCGTGGACTTCGATGAGACCTGAAGGTGCAGCACAAGCGTGG
CCCCGCGGGGAGTCCGCCTATGAGGGGAGAGGCAGTCTTTGAGGCCCCATCAGAGACCC
CCCGCCACCACCTCCACCTGCCTGCTGGGCCAGGACTAACACGGCTCCTCAAATTCT
TCCCTGTCAAATAAACAGCTCCCTTGGTTGGAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_183241

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).



[View online »](#)

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:	<u>NM_183241.1</u> , <u>NP_899064.1</u>
RefSeq Size:	851 bp
RefSeq ORF:	615 bp
Locus ID:	286257
UniProt ID:	<u>Q9BUH6</u>
Cytogenetics:	9q34.3
Gene Summary:	The protein encoded by this gene plays a role in the nonhomologous end joining (NHEJ) pathway of DNA double-strand break repair. The encoded protein may function to stabilize the Ku70/Ku80 heterodimer to facilitate the assembly and maintain the stability of the NHEJ complex. [provided by RefSeq, Jul 2016]