

Product datasheet for **RN206995**

Xpc (NM_001107874) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Xpc (NM_001107874) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Xpc
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN206995 representing NM_001107874
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCCCCAAAGCGTACCGCAGGCGGAAAGCGGAGGAAGCGCGGCCAGGAAGCCGAGGACAACAAGCAA
 CCCGGCCTGAGGAGAGCGATGCGGACGACTTTGAAGATGAGAAACAGAAACCCCAAGGAAGTGCTTTCT
 CCCGAAAGTTTCCCAAGGAAAGAGGAAGAGAGACTGCAGTGATCCAGGGGACCCACAAATGGTGCAGCA
 AAAAAGAAAGTGGCCAAAGCCACCACTAAGTCCAAGAATCTCAAGGCTGTGAAGGAGGAAGCACTCAGCG
 ACGACGGGGATGATTTCCGGGACTATTGAGTAACTGCAGAAAGGCAAAGAAACATCCCAAAAGAGAGGT
 GGTGGACCAAGGCACCGATGAAGATGACAGCGAGGATGACTGGGAGGAGTGAAGAAGTACTGAGCCT
 GTGCTGGACATGGGAGAAAATTCTGCTACCTCGCGGTCTGACCTGCCTGTGAAGGCAGTGGAGATAGAAA
 TTGAAACACCAGAGCAGGCGAAGGCACGGGAAAGAAGTGAAGAATAAAGATGGAGTTTGAGACATACCT
 GCGGAGGATGATGAAGCGTTTCAATAAGGAAGTGCAGGAGAATGCACAAGTTCACTTGTGTGCTGT
 CTGGCCAGTGGCTTCTATCGAAAATAGCATCTGCCAGCAGCCAGATCTGCTGGCCATCGGCCCTCTCCATCA
 TCCTATTTCGCTTACCAAAGTGCCACTTCAAGACCGGGATGTCTACTACCTTTCAAACCTGGTAAAGTG
 GTTCATTGGAACCTTCACTGTCAATGCTGACCTTTAGCCAGTGAGCAGGACAGCCTGCAGACGACCTTG
 GAAAGGAGGATCGCCATTTACTCTGCGAGGGATAATGAAGAGTTGGTCCATATATTTCTTCTGATTCTTC
 GGGCTCTGCAGCTGCTCACCCGGCTGGTCTTGTCTCTGCAGCCATTCCACTGAAGTCACTGTGGCAA
 GGGGAAGAAATCTTCAAGGAGACATCTTAGAGGGTCTGGAGACTCTTCAGAACCTTCTAGTAACATT
 CCAGAAAGCCACAACAACCCAAAGACCAGCAAAAGAATCAAACAAGAAGAAACCTTGTCTGAAGGCAGTG
 GCAAGGCAAATGCCAGAGGAAAGAGAGGCACTGCCACCGCTGGCAGCAGGCAGCAGAGGAAAGCCCTCTG
 CAGCGAGGGAGAGGAGGCCAAGCAGGAAATCCAGAGCCATCCACAGGCCCAAGAGCGCGTGTGGCTGCC
 AAGGTGTCTTACAAGAGGAGAGTGAGAGTGATGGGCGAGGCAGTGGCTCTGACTTTGAACTGTCCAGTG
 GGGAGGGCCAGCATTCCTCTGATGAGGATTGTAAGCCTGGCCCTCGAAAGCAGAAGAGGGCCTCAGCTCC
 TCAGAGGTCAAAGGCTGGTTCTAAGAGTGCTTCCAAGACCCAAAGTGGGAGCCAATGGGAGCCACCAAGC
 TTTTCAGTGGCATCTTCAAGCTCTTCAAGCTGCAAGCGAGGCAAGAAGATTTCTGTGGTGGTGAAGAGA
 CAGATGATAGGAAAGCTGCTGGTGTAGACCAGTGGCTCGAGGTGTCTGTGAGCCACAGGCAAAGTGGGT
 GTGTGTGGACTGTGTGCATGGTGTGGTGGGCCAGCCTGTGGCCTGTTACAAATATGCCACCAACCCATG
 ACCTATGTTGTAGGCATTGACAGTGATGGCTGGGTCCGAGATGCTACTCAGAGGTATGACCCAGCCTGGA
 TGACAGCAACCCCAAGTGCCGGTTGACGCTGAGTGGTGGGCTGAGACTTTGAGGCCATCGGAGGCC
 ACTTACCAGAGGGGAGAAGAAGGAAGACCAGGAGTTTCAGGCAAAGCACCTGGACCAGCCTTTGCCACC
 TCCATCAGCACATAACAAGAACCCCTCTGTATGCCCTGAAGCGCCACCTCTTGAATTCAGGCTATTT
 ACCCTGAGTCAGCTGCGGTCTTGGGATTTGTCGTTGGAGAAGCTGTCTATTCCAGGGATTGTGTGCATAC
 CTTGCACTCCAGGGACACGTGGCTGAAGCAAGCAAGAGTGGTGGCGCTGGAGAAGTGGCCATAAGATG
 GTGAAAGGTTTCTTAACCGTGCCCGGAAAGCCCGGCTTCGGAGCCCCAGCTGCATGACCACAATGACT
 TGGCCCTCTTGGTCACTGGCAGACAGAAGATATCAACCTCCTGTGGCTGTAGACGGGAAGGTGCCCG
 GAATGAGTTTGGGAACGTGTACCTCTTCTGCCAGCATGATGCCTATCGGCTGTGTCCAGATGAACCTA
 CCCAACCTGCACCGCTGGCCCGAAGCTGGGCATCGACTGCGTGCAGGCCATCACTGGCTTCGATTTCC
 ATGGAGGCTATTGCCACCAAGTAACTGATGGCTACGTTGTCTGTGAGGAATTCAGAGATGTGCTGTGGC
 TGCTTGGGAGAATGAACAGGCCCTCATTGAAAAGAAGGAAAAGGAGAAAAAGGAAAAGCGGGCACTGGG
 AACTGGAAGCTGCTGGTCAAGGACTGCTCATCAGAGAAAGGCTGAAACTCCGCTACGGGCCAAGAGTG
 AGGCAGCAGTCCCCATGCAATGCAGGAGGCGGACTCTCTTCTGATGAAGAGGAAGGGACCAGTTCACA
 AGCAGAAGCTGCCAGAGTTCTGGCTGCTTCTGGCCACAGAACCAGAGACTAAAGAAGAACAGAAGCCC
 GACTACACGAAGATGACTCGGAGAAGGCGGCAGCAGAGGCTTCCATCTCTTCCATTTGAGAAGCTAT
 GA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN:	NM_001107874
Insert Size:	2802 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:	<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_001107874.1</u> , <u>NP_001101344.1</u>
RefSeq Size:	3633 bp
RefSeq ORF:	2802 bp
Locus ID:	312560
Cytogenetics:	4q34