OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RN212605

Xrcc5 (NM_177419) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Xrcc5 (NM_177419) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Xrcc5
Synonyms:	Ku80; Kup80
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

View online »

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Fully Sequenced ORF:

>RN212605 representing NM_177419
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCGTGGTCCGGTAATAAGGCAGCTGTTGTGCTGTGTATGGATGTGGGGGTTGCCATGGGTAACTCCT
TTCCTGGTGAAGAATCCCCACTTGAACAGGCCAAGAAAGTGATGACTATGTTTGTCCAACGACAGGTGTT
TTCGGAGAGCAAGGATGAGATCGCCTTAGTCCTCTATGGTACAGAGAGCACTGATAACGCCCTTGCTGGC
AAGGACCAGTATCAGAACATCACAGTGCACAGGCACCTGATGCTACCAGATTTTGATTTGCTGGAAGACA
TCGGAAACAAAATCCAACCAAGTTCTCAACAAGCCGACTTCCTGGACGCCCTGATTGTGTGCATGGATTT
GATTCAGCGTGAAACCATAGGAAAGAAGTTTGGGAAGAAGCATATTGAAGTGTTCACTGATCTCAGCAGC
CCATTCAGCCAAGACCAACTGGACATTATAATTTGTAACCTGAAGAAGTCCGGCATCTCCCTGCAGTTCT
TTCTGCCTTTTCCAATCGACAAGAATGGTGAGCCTGGGGAGACAGAAGACCACGACTCCAGCTTCGACCA
CTGTGCACCCTCCTTCCCTCAAAAAGGACTTACTGAGCAGCAAAAGGAAGGCATCCACATGGTGACGAGG
GTGATGCTGTCTTTAGAAGGCAAAGATGGTCTGGATGAAATTTATTCCTTCAGCGAGAGTCTTCAGCAAC
TGTGCATCTTTAAGAAGATTGAGAGGCGGTCCTTGCCCTGGCCCTGCCAACTGACCATCGGCCCCAACTT
GTCTATAAGGATCGTAGCCTATAAATCGATTGTACAGGAGAAATTTAAAAAGAGTTGGGTAGTTGTGGAC
GCAAGAACTCTAAAGAAGGAAGATATACAAAAAGAGACTGTTTATTGCCTAAATGACGATGATGAAACTG
AAGTTTCCAAAGAGGACACTATTCAAGGGTTCCGCTATGGAAGCGACATCATTCCTTTTTCTAAAGTGGA
TGAGGAACAAATGAAATATAAATCGGAGGGGAAGTGCTTCTCTGTTCTGGGGTTCTGTAAATCTTCTCAG
GTTCATAGAAGATTCTTCATGGGACATCAAGTTCTGAAGGTCTTCGCAGCGAAGGATGATGAGGCAGCAG
CTGTTGCACTTTCTTCCCTAGTTCACGCTTTGGATGAGTTAAACATGGTCGCTATCGTCCGCTACGCCTA
TGACAAAAGAGCTAATCCTCAAGTTGGTGTAGCCTTCCCTTTCATTAAGGATGCCTATGAGTGTTTAGTT
TATGTGCAGCTGCCTTTCATGGAAGACTTGCGGCAATACATGTTTTCCTCACTGAAAAACAATAAGAAGT
GCACCCCCACAGAGGCACAGCTGAGTGCGATCGATGATCTGATTGATTCCATGAGCTTGGTAAAGAAAAA
CGAGGAAGAAGACATCATCGAAGACTTGTTTCCAACCTCCAAAATTCCAAATCCTGAATTTCAGCGGTTG
TACCAGTGTCTGCTGCACAGAGCCTTACATCTCCAGGAGCGGCTGCCCCCAATTCAGCAGCACATTTTGA
ATATGCTGGATCCCCCCACTGAGATGAAAGCAAAATGTGAGATTCCACTCTCTAAAGTAAAGACCCTTTT
CCCTCTGACGGAAGTCGTTAAGAAAAAGGACCAAGTGACTGCTCAGGACGTTTTCCAAGACAATATTGAA
GAGGGGCCCGCTGCTAAAAAATACAAGACTGAGAAAGAAGAAGGTCACATCAGCATCTCCAGCCTGGCAG
AAGGGAATGTCACCAAGGTTGGAAGTGTGAATCCTGTTGAAAACTTCCGTGTCCTAGTAAGACAGAAGAT
TGCCAGCTTTGAGGAAGCGAGTCTCCAGCTAATGAGTCACATTGAACAGTTTTTGGATACCAATGAAACA
CTGTATTTTATGAAAAGTATGGACCGCATCAAAGCTCTCCGGGAGGAAGCCATTCAGTTTTCAGAGGAGC
AGCGTTTCAACAGTTTCCTGGAAGGCCTTCGAGAGAAAGTGGAAATTAAACAATTAAATCATTTCTGGGA
AATTGTCGTGCAGGATGGAATTACTCTGATCACCAAAGACGAAAGCCCAGGAAGCTCTGTCACAGCTGAG
GAGGCCACGAAGTTCCTGACCCCCAAAGACAAAGCAAAAGAAGACACAACAGGACTTGAAGAAGGTGGTG
ATGTGGATGATTTACTGGACATGATATAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_177419

Insert Size: 2199 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).

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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_177419.2, NP_803154.1
RefSeq Size:	2545 bp
RefSeq ORF:	2199 bp
Locus ID:	363247
Cytogenetics:	9q33

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