

Product datasheet for **MC206273**

Jub (BC011035) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Jub (BC011035) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Jub
Synonyms:	Jub
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC011035
 CCACGCGTCCGGCGCCCGGCACCTGGGCCGCTCGCTGAGCCCCGTGAGTGACTTGCATCCCAGGAATCC
 GAGCCCCGGGAACTCGAGCCCGGCTCTGGCCGAAACTGCAGCGTGCCGGGCGAGGAGGGGGCTGCA
 GGCCCCAGATCCGTGGGCATGGAACGGTTAGGGGAGAAAGCCAGTCGTCTGCTAGAAAAGTTGAGACTCT
 CGGACTCCGGCAGCGCAAGTTCCGGCCGAGAAAGGGCGAAGCGAGCCGATCTGGGTCTGATGGGACCCC
 CGGAGCAGGCAAGGGACGCTTAAGCGGGTTGGGGGACCTAGGAAGTCAGGACACCGTGGAGCGAATGGT
 GGGCCTGGAGATGAACCTTTGGAACCGGCCAGGGAGCAAGGGCCCTGGACCGCCGAGCGGAACGCACGCG
 GCTCCTTTGAAGCGCAGCGCTTCGAAGGGTCTTTCCCGGGGGCCGCGCCCACTCGAGCCCTGCCTCT
 GCCTCTGTCTCGCTCCTGATTTTCGGCTGGAGACCACGGCTCCAGCCCTTAGCCCTCGCTCCAGCTTC
 GCCAGTAGCTCGGCCAGCGATGCGAGCAAGCCATCTAGCCCCGGGGCAGCCTGTGCTGGACGGAGCGG
 GGGCCAGCGGAGCCGAGGTAGCCGGCCGTGCAGCAATCGGACCAGCGGCATCAGCATGGGCTACGACCA
 GCGCCACGGGAGCCCGTGCCTCGGGGGCCGTGCCTATTCGGCTCCCGCTGACCACTGCTCCTGCGGGC
 TACCCAGGAGGGGCTCCGTCGCTACCCGGAGCTCCACGCTGCCCTGGACCGACTATGTGCTCATCGGT
 CCGTGGGATTCCGCTGCCAGGAGAGCCGTCCTACTGACCCCGGCCCTGGGAGCCCGGAGCTCTAAC
 CGGAGCCGTGGTGGAAACAGCGGGTCTTTGGAGAGACGTGGGGCGCAACCCGGAGCAGACTCGGTTACA
 GGTACGGGGACTGCGCCGCGGGGGCCGTTACCAAGGACGAGCTAACAGCATTGCTGCGTTTGACCGTGG
 CTACCGGTGGGGGAGAAGCCGGTCTCGCGGGGAACCCTCGGGGATTGAGCCGTCCGGTCTGGAGGAGTC
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 GGCACCTGTATCAAGTGCACAAAGGTATCTATGGGCAGAGCAATGCCTGCCAGGCCCTGGACAGCCTCT
 ACCACACCCAGTGCTTTGTCTGTCTCCTGTGGACGAACTTTGCGGTGCAAGGCTTTCTACAGCGTCAA
 TGGCTCTGTCTACTGTGAGGAAGACTATCTGTTTTTCAGGGTTTCAGGAGGCAGCTGAGAAGTGTGTGTC
 TGTGGCCACTTGATTCTAGAGAAGATCCTCCAGGCCATGGGAAGTCTATCACCCGGCTGCTCCGAT
 GCATCGTATGTAACAAGTGCCTGGACGGGTCCCTTCACTGTGGACTTCCAACCAAGGTGATGTGT
 TACCGACTACCACAAAAATTACGCCCGAAATGTGACGCTGCGGACAACCCATCCTCCCTCAGAGGGC
 TGTGAGGACATTGTGAGGGTATATCCATGGACCGTGATTATCACTTTGAGTGCTACCACTGTGAGGACT
 GCCGATGCAGCTGAGTGACGAGGAAGGTTGCTGCTGTTCCCTTTGATGGACATTTGCTCGCCACGG
 CTGTACATGCAGCGCTCAGTGCCCGGCAGCCCTCTACCAACTATCTGAGCTGACGTTACTGCTGCC
 GCCACCACTGTGGAGAACTCTTGCCAGCGGAGGCAAGGAGTGTATTCTGCAATCCTTGTGAAGAGGT
 CTCTGGGGAGGCCCGAAGGCCAGAGACCCAAAGATCCTAACATTCCAAATGGGCTGCGGAGGAGGAACC
 TTCTGGTTGCCGGGAGAGTTGACTGGTGTTCATTGCGTGCAGCCTGTGCTACAGTAGATGGGATGTAGCA
 CACGAGCGGGTTTCAGTACTTCTGAACGCCAGATTATAATGTATTTTTCCAGTGTATGTTTCTATAT
 ACGTCACACAATGTTCTGGTGTGGATCACATGAGGGCATCACAGAAACCAACCCAGTCTGTTGTACCC
 TATGCATGGAGTCAAGTGAACCTTTCCACGGGATCCTATCTTTGTCTGCGCTAAGGGCTGGAAGCCCTG
 GACTTCATGATGAGCCATTTCTTGGCTCTCCTTAAGGACTAGAGAGCTCCCGTGTCTGTCTGTGTTGG
 ACTGGGACCACTCTGGGGACCTTGTGCTGTGTTGCTGTTTCTCAGGGACCTGGGGAGGCTAACTG
 GGGCCTGTCCCTGGTGTGTTTTGCTCTTCTGGGGGAAGAAATGAGCAGGTTTCTGGATGTGAACTTG
 CCGGTGAGTAGGATGTCCTGAAGCATCAGGCTAGCCCCACTCCCCTGTTAAGTGCAGTGCAGCTGTA
 GCCTAGCATATGGGATACATTGTAGCCAGTGTGCTGTGCACCTCCCTCCCTACTCCTTTTTCTCAG
 GTGACTTACGCTTAGTTCCTAGCAGTAGCCTATCTTTTGAGACCCATTTTTAAAAGGGATCCTGCATTG
 GATCTGACCTGTTACAACCCCACTCAAGGCATTGGGGAAGCTGGAGAGAAGAAAAATAGGTTGACTT
 GGTCTAGCCGCTGGCTGAAACTTGAATTCACCTTAAGCAGGATGTCTTAAAGCCAGGTCAGTGTCTGG
 CTGAACTTAAATTCATTTGATGACCAGCTTGCCAAGAGTCTGTCCCCTACTGATGTGTTCTTATAGCT
 GCCTACATGTTTTGTTCTTTTCATTGCACTGAGCATTCAAGTATTCTGCTGTTTATCAAGAGTATGTC
 AGAGGTTTGTGTTTTTTGGTTTTTCGAGACAGGTTTTCTGTATAGCTCTGGCTGCTGGAAGTCA
 CTCTGTAGACCAGGCTGGCCTTGAAGTCAAGAAATCCACCTGCCTCTGCCTCCCGAGTGTGGGATCAAG
 GCGTGCGCCACCACGCTGGCTTACTTCAAGATTATTAGCATCTTACATTTATCAACTTTGTGGCACTTT
 GTGATACAAATGTTCCCTGCCTCCTTGGGTGTCTTCTACTATGCCATTATTTCTGACACTTAAGAAA
 GAAAAAGTTGAAATCTAGCAGTAAATACAGTTGATGCAGACAAAAA

Restriction Sites: EcoRI-NotI

ACCN: BC011035

Insert Size:	1644 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:	BC011035 , AAH11035
RefSeq Size:	3280 bp
RefSeq ORF:	1644 bp
Locus ID:	16475
Cytogenetics:	14 C2
Gene Summary:	Adapter or scaffold protein which participates in the assembly of numerous protein complexes and is involved in several cellular processes such as cell fate determination, cytoskeletal organization, repression of gene transcription, mitosis, cell-cell adhesion, cell differentiation, proliferation and migration. Contributes to the linking and/or strengthening of epithelia cell-cell junctions in part by linking adhesive receptors to the actin cytoskeleton. May be involved in signal transduction from cell adhesion sites to the nucleus. Plays an important role in regulation of the kinase activity of AURKA for mitotic commitment. Also a component of the IL-1 signaling pathway modulating IL-1-induced NFkB1 activation by influencing the assembly and activity of the PRKCZ-SQSTM1-TRAF6 multiprotein signaling complex. Functions as an HDAC-dependent corepressor for a subset of GFI1 target genes. Acts as a transcriptional corepressor for SNAI1 and SNAI2/SLUG-dependent repression of E-cadherin transcription. Acts as a hypoxic regulator by bridging an association between the prolyl hydroxylases and VHL enabling efficient degradation of HIF1A. Positively regulates microRNA (miRNA)-mediated gene silencing. Negatively regulates the Hippo signaling pathway and antagonizes phosphorylation of YAP1.[UniProtKB/Swiss-Prot Function]