

## Product datasheet for **MC206668**

### **Eftud2 (BC052674) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Eftud2 (BC052674) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Eftud2
Synonyms:	U5-116kD, 116kDa
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:**

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>BC052674
AAGAGGTAATCCCGGGCTCAGGCGGCGGACCGGGCACTCGGCTGAGCATTGGCGGCATCATGGATACT
GACTTGTATGATGAGTTTGGGAATTATATTGGACCGGAGCTTGATTCTGATGAAGATGATGATGAACTGG
GAAGAGAGACAAAAGATCTTGATGAGGATGAGGACGAGGACGAGGATGACGTGGGAGAGCACGAGGATGA
CCACCCCGGCATGGAGGTGGTGTGCATGAGGACAAGAAGTACTACCCACGCGCCGAGGAGGTGTACGGT
CCCGAGGTGGAGACCATAGTCCAGGAGGAAGACACCCAGCCCTCACAGAACCATTATAAAGCCAGTGA
AAACCAAGAAATTCACCTGATGGAGCAGACATTACCCGTACCGGTGTATGAGATGGATTTCTTAGCAGA
TCTGATGGACAACCTCTGAGCTCATCAGAAACGTAACCTTGTGTGCCATCTCCACCACGGCAAGACCTGT
TTCGTAGATTGTTAATAGAACAGACGCATCCGGAAATCAGAAAGCGCTATGACCAAGACCTATGTATA
CTGACATCCTCTTACAGAAACAAGAGAGAGGCGTGGCATCAAGAGCACTCCGGTACGGTGGTGTGCC
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GTCACAGTGGCTTGGCATCTCAGATGGAGTGGTCTTTTTCATTGATGCTGCTGAGGGGTGATGCTGA
ACACAGAGCGGCTGATCAAGCACGCAGTGCAGGAAAGGTAGCAGTACCGTGTGTATCAACAAAATCGA
CCGGCTGATCTTGGAGCTGAAGTGCCTCCAACAGATGCTTATTACAAGCTGCGACACATTGTGGATGAG
GTCAATGGATTAATAAGCATGTATTCCACCGACGAGAACCTGATCCTTTTCCACTCCTGGCAACGTCT
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CCACCTCACCAAGGAAGAGCTAAAGCTGAACATCCGCCCTGCTCAGGCTGGTCTGCAAAAAGTCTTT
GGCGAGTTCACAGGCTTGTGGACATGTGTGTGCAGCACATTCATCTCCAAAGTGGCGCCAAACCCA
AGATCGAGCATACCTACACTGGCGGCTGGACTCTGACCTGGCGAGGCCATGAGCGACTGTGACCCAGA
TGGTCCCCTGATGTGCCACAGCAGAGATGTACAGCACAGATGATGGAGTCCAGTTTCATGCCTTCGGC
CGGGTGTGAGCGGCACCATCCACGCTGGGCAGCCTGTGAAGGTGCTGGGGGAGAATACACCTTGGAAAG
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TCAAGATTGCCGTGGAGCCGTTAACCCCTCAGAGCTGCCAAAATGCTTGTGAGGCTGCGCAAGGTCAA
CAAGAGCTATCCATCTCTACCACCAAGGTGGAAGAGTCTGGCGAGCATGTGATCCTGGGCACTGGGGAG
CTCTACCTGGACTGTGTGATGCACGACCTGCGGAAGATGACTCAGAGATCGACATCAAGGTGGCTGACC
CAGTTGTGACATTCTGTGAGACAGTGGTAGAAACGTCTCCCTCAAATGCTTTGCTGAGACACCCATAA
GAAGAACAAGATACCATGATTGCCGAGCCCTTGAGAAGGGCCTTGTGAGGACATAGAGAATGAAGTG
GTCCAGATCGCCTGGAACAGAAAGAAGCTGGGAGAGTTTTTCAAACAAGTACGACTGGGATCTGCTGG
CTGCCCCTTCCATCCGGGCTTCCGACCTGATGTACAGGCCCAACATCCTAGTAGATGATACACTGCC
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CATGGCCACTCCCGTCTGATGGAGCCTTACTACTTTGTAGAGGTCCAGGCTCCTGCAGATTGTGTCT
GCTGTTTACACAGTCTGGCCAGACGCGAGGGTCACTGTGACTCAGGATGCACCCATACCAGGCTCCCTC
TCTATACCATCAAAGCGTTCATCCCGCCATCGACTCATTGCGCTTTGAGACTGATCTCCGCACTCACAC
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AGCATTGTCAATCGCCGCTGGAGCCACAGCCAGCTCCTCACCTGGCTCGGGAGTTCATGATCAAAACC
GTCGTAGGAAGGCTGAGTGAAGATGTGAGCATCAGCAAGTTCTTGCAGATCCTATGTTGCTGGAGCT
CGCCAAACAGGATGTTGTGCTCAATTATCCCATGTGAGTGAAGGGGCTGGCAGCTCTAGACTCAAGCCGA
GACCTGGTACTGGGCCCTCGAGCTCTGAGCATCGGAACTGCTATGGGGCCGTGAACGCCCCAGAAA
CCTCCATCCAGTGAGGAAGGGCATCTGGCCTGGTTTCTTCTGTGCCCTTGCCTGGCCCCATTCCCAA
GGAACAGAGGAGAGCTTGGGCCAGAGAAGAAGATGAGGACAAGATGAAAATGTTTAAACCTAAGGGC
CTGCTTTCAGGACTTACATGGAATTTTATTTTTTACAAGTCCACTTTAGCCACAGTTTATAAATGAACA
GGACATTTGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
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**Restriction Sites:**

EcoRI-NotI

<b>ACCN:</b>	BC052674
<b>Insert Size:</b>	2916 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">BC052674</a> , <a href="#">AAH52674</a>
<b>RefSeq Size:</b>	3345 bp
<b>RefSeq ORF:</b>	2916 bp
<b>Locus ID:</b>	20624
<b>Cytogenetics:</b>	11 E1
<b>Gene Summary:</b>	Required for pre-mRNA splicing as component of the spliceosome, including pre-catalytic, catalytic and post-catalytic spliceosomal complexes. Component of the U5 snRNP and the U4/U6-U5 tri-snRNP complex, a building block of the spliceosome.[UniProtKB/Swiss-Prot Function]