

Product datasheet for **MC206198**

Fastkd1 (BC075689) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fastkd1 (BC075689) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fastkd1
Synonyms:	5330408N05Rik; mKIAA1800
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC075689
 GCAAATAAAGCACGTGAATGAAAGCCAGATTTTATATTGTCACATTATACCTGACTTCTAGTGTAGATGC
 TTTTTTTTTTAAACAAAGAAAAAATTGTGCTAAGGAAAAAGAACCTCTATTTTGGAGCCCCGTCGGTTA
 TAAATATGTTCCGGCTACGAAGCATCTCTTTACTCTCTTGGAGAGCATTTCGGCTCCGCCCTTCAGTTG
 TGAGTCATTAATTACTCAGATGCAGAAGTGTACAAACGAAGAACAAGTGTGGACCTTATTGAGACGAAT
 ACGGCAACGCTCTCCGAACAGCAAGTGGGCTGTGCGTTTAAATGTACTTTGGCAGTTTCAGAAGCAGAAGA
 CCGTCTTGGAAAAAACGTTGACCATGTTAGAAACCATCCTCAGTTTCTTACTCTTTGCAGCATTACAAC
 AAATCACATCCCAGCAATGAGTGATGCTACCCTGGTGGATGTGTTATACAGCATAAAGCAGTTTGCAGTT
 GAATCCCATCACCCACTAATCGAAGCACTGGTTACAGAAGCATGGAAAAGACTGGAAAGGTTTCGATACTA
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 AACACTCTGCTGCTGGATAGGATCGCTTTCAGTGGCCATTACAGCAGTTGAAAAGATCCATCCCTTTTCAG
 TCCTTGCTATTATTCTCCATTACAGATTCTGAACTATGATCCACCTCAAAGGATGAATCTTTGGAGC
 GTGTGTCCATGCTGAATTTCTACTTAGGTACATTGGATCCTGGTACATTAGTGTCTTGGTTTTTCT
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 TTTAACAAAGACACTGGTGTATGAACGGAGCCCAACAACAGATCTATAAAATGTTAGCAGAGGTCCTGG
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 TGGTGGACTGGAGAGGTGGCACAGAGGAAAAGAACAACACTGGTCTGCTTTCAGAGATCCTAAGTTCAATCC
 CAGCACCCACATGGCGGCTATAAACCATCTAATGTGATCTGGGACCCTCTTCTGGCCTGCAGGCATA
 CATGCAGGCAGAACACTGTATACATAATAAATAAATAAATAAATAAATCTTTTTAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Ascl-NotI
ACCN: BC075689
Insert Size: 2490 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:	BC075689 , AAH75689
RefSeq Size:	2877 bp
RefSeq ORF:	2490 bp
Locus ID:	320720
Cytogenetics:	2 C2
Gene Summary:	Involved in the down-regulation of mitochondrial MT-ND3 mRNA levels which leads to decreased respiratory complex I abundance and activity.[UniProtKB/Swiss-Prot Function]