

Product datasheet for **MC227051**

Fkbp6 (NM_001277891) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fkbp6 (NM_001277891) Mouse Untagged Clone
Tag: Tag Free
Symbol: Fkbp6
Synonyms: 36kDa; 1700008G22Rik; AU017274; D5Ertd724; D5Ertd724e; FKBP-6; FKBP-36
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC227051 representing NM_001277891
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAGCGTCTTCTCGCGCCTCAGGAACGGAATCCCACCGTCGCGAGACGACTGCCAGTCTCCCTATGAGC
GACTAAGTCAACGCATGTTGGACATCTCCGGGGACCGAGGTGTGCTGAAGGACATCATCCGAGAGGGCAC
TGGCGATACCGTGACACCTGACGCTTCTGTGCTGGTAAAATATTCTGGATACCTGGAGCAGATGGACAAG
CCTTTTCGATTCTAATTGCTTTAGGAAAACACCTCGGCTGATGAAACTTGGAGAAGATATTACACTCTGGG
GCATGGAGCTGGGCCTTCTGAGCATGCGCAAAGGGGAACTGGCCAGGTTCTGTTCAGCCAGCCTATGC
TTACGGCACCCCTGGGGTGCCTCCCTCATCCCGCCAAATGCCACCGTCTGTTTGAGATCGAGCTGATT
GACTTCTGGATTCTGCTGAGTCAGACAAGTCTGTGCACTCTCAGCTGAGCAGCAAGAAGACGTTTCCAC
TCCAGAAAGTCTCAAAGTAGCAGCAACTGAGAGGGAGTTTGGCAACTACCTTTTCCGCCAGAATCGCTT
CTGTGATGCCAAAGTGAGATAACAAGCGGGCTTTGCTGCTGCTCCACCGACGATTGGCCACCTGTGAGGAG
CAGCACTTGGTAGAACCTGCCGTCTTAGTCCTCCTAACCTGTCCTTTGTACCTGAAGCTAGACC
GACCTGCCATGGCCCTGCGCTATGGGGAGCAGGCTCTGCTCATTGACAAAAGGAACGCCAAGGCCCTCT
CAGGTGTGGACAGGCTTGCCCTCCTAACTGAGTATGAGCGGGCCCGGATTTTCTAGTCCGAGCTCAG
AAAGAGCAGCCCTGCAACCATGACATCAATAATGAGCTGAAAAAGCTGTCCAGCCACTACAGGGACTATG
TGGACAGAGAGAGAGATGTGTCACCGCATGTTTCTCCCTGTGGAAGCAGATCTTCAGTGGGAGGAAA
CTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001277891



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Insert Size:	984 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001277891.1</u> , <u>NP_001264820.1</u>
RefSeq Size:	1289 bp
RefSeq ORF:	984 bp
Locus ID:	94244
UniProt ID:	<u>Q91XW8</u>
Cytogenetics:	5 75.11 cM
Gene Summary:	<p>This gene is a member of the FK506-binding protein (Fkbp) family. The encoded protein plays a role in male-specific fertility and homologous pairing of chromosomes during meiosis. The protein may also be involved in LINE1 transposon silencing and binding to Hsp90 as a co-chaperone. Alternative splicing of this gene results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Apr 2013]</p> <p>Transcript Variant: This variant (2) transcribes past a splice site that is used in variant 1. This results in a novel 3' UTR, compared to variant 1. Variants 1 and 2 encode the same isoform (1).</p>