

Product datasheet for **MC203788**

lfi202b (NM_011940) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	lfi202b (NM_011940) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	lfi202b
Synonyms:	lfbip-1; lfi202; lfi202a; p202
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC018233

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CATTACTGACTTATCTGCCTACCTACTCAAGCCAAGCAGGCCACTTCTTGACCCGGTGAAGGTCTCAGG
ATCTGTACATCACTGCAGAAATATCCAGGAAGCTGACACACTCTGCCTTGTGGAGATCTAGGACCCGGA
ACAGGAGTCACTGAAGAAGTTCCCGGCTTGAACCTCAATCAAAAAGTCTGTATCTACAGAAAGAGACATCT
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CATGTACTGAAAAATGAAAAAGAAATGTATACCTGCTCAAATAAATACATAACAACATCCTCTTAGTTG
TGGGAACAATACTTATTCTTTATAAAAAATTTTATGAACTTTCATAGTCTGCATGCTTAAGTTTCATAATA
TGAATAAATAAATGCTGTACATTAATAAAAAAAAAAAAAAAAAA

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Restriction Sites:	RsrII-NotI
ACCN:	NM_011940
Insert Size:	1338 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:	BC018233 , AAH18233
RefSeq Size:	1792 bp
RefSeq ORF:	1338 bp
Locus ID:	26388
UniProt ID:	Q9R002
Cytogenetics:	1 H3
Gene Summary:	<p>Inhibits the transcriptional activity of several transcription factors, including NF-kappa-B p50 and p65, FOS, JUN, E2F1, E2F4, MYOD1 and myogenin. Has anti-apoptotic effects due to inhibition of the transcriptional activity of p53. Binds dsDNA in the cytosol. Is involved in innate immune response and has anti-inflammatory activity. Inhibits caspase activation in response to cytosolic DNA and inhibits the activation of the AIM2 inflammasome, probably by sequestering cytoplasmic DNA and preventing its being bound by AIM2.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data because transcript sequence consistent with the reference genome sequence was not available for all regions of the RefSeq transcript. The extent of this transcript is supported by transcript alignments.</p>