

Product datasheet for **MC200231**

Eef1a1 (BC004067) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Eef1a1 (BC004067) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Eef1a1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC004067

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CGGACGCGTGGGTCAGAACGCAGGTGTTGTGAAAACCACCGCTAATTCAAAGCAAAAATGGGAAAGGAAA
AGACTCACATCAACATCGTCGTAATCGGACACGTAGATTCGGCAAGTCCACCACAACCGCCACCTGAT
CTACAAATGTGGTGGAATCGACAAGCGAACCATCGAAAAGTTTGAGAAAGAGGCTGCTGAGATGGGAAAG
GGCTCCTTCAAGTACGCCTGGGCTTAGACAAACTGAAAGCTGAGCGTGAGCGTGGTATCACTATTGACA
TCTCCCTGTGGAAATTCGAGACCAGCAATACTATGTGACCATCATTGATGCCCCAGGACACAGAGACTT
CATCAAAAACATGATTACAGGCACATCCCAGGCTGACTGTGCTGTCTGATTGTTGCTGCTGGTGTGGT
GAATTTGAAGCTGGTATCTCCAAGAACGGGCAGACCCGCGAGCATGCTCTTCTGGCTTACACCCTGGGTG
TGAAACAGCTGATTGTTGGTGTCAACAAAATGGATTCCACCGAGCCACCATACAGTCAGAAGAGATACGA
GGAAATCGTTAAGGAAGTCAGCACCTACATTAAGAAAATTGGCTACAACCCTGACACAGTAGCATTGTG
CCAATTTCTGGTTGGAATGGTGACAACATGCTGGAGCCAAGTGCTAATATGCCTTGGTTCAAGGGATGGA
AAGTCACCCGCAAAAGATGGCAGTGCCAGTGCCACCGCTGCTGGAAGCTTTGGATTGTATCCTACCACC
AACTCGTCCAAGTACAAGCCTCTGCGACTGCCCTCCAGGATGTCTATAAAAATTGGAGGCATTGGCACT
GTCCCTGTGGCCGAGTGGAGACTGGTGTCTCAAACCTGGCATGGTGGTTACCTTTGCTCCAGTCAATG
TAACAAGTGAAGTCAAGTCTGTTGAAATGCACCATGAAGCTTTGAGTGAAGCTCTTCTGGGGACAATGT
GGGCTTCAATGTAAGAAGCTGTCGGTCAAAGATGTTAGACGAGGCAATGTTGCTGGTGACAGCAAAAAC
GACCCACCAATGGAAGCAGCTGGCTTCACTGCTCAGGTGATTATCCTGAACCATCCAGGCCAAATCAGTG
CTGGCTACGCTCCTGTTCTGGATTGTCACACAGCCACATAGCATGCAAGTTTGCTGAGCTTAAAGAAA
GATCGATCGTCGTTCTGGTAAGAAGCTGGAAGATGGCCCAAGTCTCTGAAGTCTGGCGATGCTGCCATT
GTTGATATGGTCCCTGGCAAGCCATGTGTGTTGAGAGCTTCTGACTACCCTCCACTTGGTCGCTTTG
CTGTTCTGTGACATGAGGCAGACAGTTGCTGTGGGTGTCATCAAAGCTGTGGACAAGAAGGCTGCTGGAGC
TGGCAAAGTACCAAGTCTGCCAGAAAGCTCAGAAGGCTAAATGAATATTACCCCTAACACCTGCCACC
CCAGTCTTAATCAGTGGTGAAGAACGGTCTCAGAAGTGTGTTGCTCAATTGGCCATTTAAGTTAATAG
TAAAGACTGGTTAATGATAACAATGCATCGTAAAAAAAAAAAAAAAAAAAA

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Restriction Sites:	RsrII-NotI
ACCN:	BC004067



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Insert Size:	1389 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:	BC004067 , AAH04067
RefSeq Size:	1588 bp
RefSeq ORF:	1389 bp
Locus ID:	13627
Cytogenetics:	9 E1
Gene Summary:	This protein promotes the GTP-dependent binding of aminoacyl-tRNA to the A-site of ribosomes during protein biosynthesis. With PARP1 and TXK, forms a complex that acts as a T helper 1 (Th1) cell-specific transcription factor and binds the promoter of IFN-gamma to directly regulate its transcription, and is thus involved importantly in Th1 cytokine production. [UniProtKB/Swiss-Prot Function]