OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for MC201337

Tfcp2 (NM_033476) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tfcp2 (NM_033476) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tfcp2
Synonyms:	CP-2; CP2; D230015P20Rik; LBP-1c; LBP-1d; LBP1; LSF; Tcfcp2; UBP-1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

View online »

Fully Sequenced ORF:

>BC022131 sequence for NM_033476
CTTTCGCTGTCCACGCTTCCAGGCGGTCGTGGTGGCTAAGGAGGGTGTGGGGACGGCTCGGAGGAACCCT
GGGAGCCGGCGCCTGTTGGGGCAAGGAAGGAGCCGGGATGGCCTGGGCTCTGAAGCTGCCGCTAGCCGAC
GAAGTGATCGAGTCGGGGCTTGTGCAGGACTTTGATGCTAGCCTGTCCGGCATTGGCCAGGAACTGGGTG
CTGGTGCTTATAGTATGAGTGATGTCCTCGCATTGCCCATTTTTAAGCAAGAAGAGTCAAGTTTGCCTCC
CGATAATGAGAACGAGATTCTGCCTTTTCAGTATGTGCTCTGTGCTGCCACGTCTCCAGCGGTGAAGCTC
CACGACGAGACCCTGACGTACCTCAATCAAGGACAGTCTTATGAAATCCGAATGCTAGACAATAGAAAAC
TGGGAGAGCTTCCAGAACTCAACGGCAAGCTGGTGAAGAGCATATTCCGCGTAGTGTTCCACGACAGGCG
ACTGCAGTACACTGAGCACCAGCAGCTGGAGGGCTGGAGGTGGAACCGACCGGGAGACAGGATTCTCGAC
ATAGATATCCCAATGTCTGTGGGTGTAATTGATCCCAGGGCCAATCCTACCCAGCTAAACACAGTGGAGT
TCCTGTGGGACCCTTCAAAGAGGACATCTGTGTTTATTCAGGTGCACTGCATCAGCACTGAGTTCACCAT
GAGGAAGCATGGCGGGGAGAAGGGGGTGCCGTTCCGAGTGCAGATCGATACCTTCAAGGAGAACGGGAAC
GGAGAGTACACAGAGCACTTGCACTCGGCCAGCTGCCAGATCAAAGTCTTCAAGCCTAAGGGTGCAGACA
GAAAACAAAAAATAGATAGAGAGAAAATGGAGAAACGGACGCCCCATGAAAAAGAGAAATATCAACCTTC
TTATGAGACAACCATACTCACCGAGTGTTCTCCGTGGCCTGAGATCACCTACGTCAACAATTCCCCATCC
CCTGGCTTCAACAGCTCCCATAGCAGTTTCTCTCTTGGGGAAGGAAACGGCTCGCCCAACCACCAGCCAG
AACCACCCCCTCCAGTCACGGATAACCTCTTGCCGACAACCACGCCTCAGGAAGCCCAGCAATGGCTGCA
TCGAAACCGGTTCTCCACATTCACGAGGCTTTTCACCAACTTCTCAGATTTACTGAAACTAACTAGAGAC
GACGTGATCCAAATCTGCGGCCCTGCAGATGGAATCAGACTCTTTAATGCATTAAAAGGCCGGATGGTGC
GGCCAAGGCTAACCATTTATGTCTGCCAGGAGTCGTTGCAGTTGAGGGAGCAGCAGCCGCAGCCGCAGCC
GCAGCCGCAGAAGCAGGAGGATGGGGATTCAAACGGTACTTTCTTCGTGTACCATGCTATCTATCTCGAG
GAGCTGACAGCTGTCGAACTCACAGAAAAAATTGCTCAGCTTTTCAGCATTTCTCCTCACCAGATCAGCC
AGATTTACAAGCAAGGGCCGACAGGGATCCATGTGGTCATCAGCGATGAGATGGTACAGAACTTCCAGGA
AGAAGCCTGCTTTATTCTGGACACGATGGAAGCAGAAACCAGTGACAGCTATCATGTCATTCTCAAGTAG
GGTGAGGCCCCGACCTTCGACGGCTGCTGCTGCCTTCCCCTCTTCACCTTCTGAAGGGGACATGACTGGA
GATTAAAGGGCTTCAGGAACCTGGCACATCTGAATGTTGGGGGGAGGGGGGAGGCGTGTCCAGTGCAGGG
CGAGCAGGTCCCAAGGAGGAATCCCAGAGTCCTGTATTGGCTCCTCTGATCACTGGCTATACATGGAGCC
AGCAGTTTCCTTACTTTCTGGCCCCTGTTGATACCAGTAAGAAGCCCCGTCATTAGGGTTTGTAGAGGGC
AGAGTGGTAATGGGAGTCATGTGATGTTTTCTAGGAAGATGTTTAGTTTTGTGATATAGAGCTCTGACAT
TTTACTGATATAAAAGTGAACATCTGTCTTCATAAAACCAAGCTCTCTCTCTTGCCTCAAGCCTGTTGGC
AGCTCTGCTCTGCTCTGTTCACAACTGTGAGGAGGAGAAACAGAATCTCTCCTTCCCTTTTTTGAGACAG
GGTTTCATGTTCTTGCCTCTACCTCCCAAGAGCTGGGATCACAAGCTTTTGCCACCTGGTCTGTTTCTGT
CTGCAGTGCTGGGCTTGAACTCGGAGCCTCACGTGCTAGGCAGGCACTTTCTCCAGCTGAGCTCCAGCAG
GCCTTCCCTTTAGTGCTAAGACAGGCTCCAGATTTCTAATTTGGTTCACCTGCAATACCACAGCTGAGTG
TGATTTTGGCTAATGTGTATTGGGGTAGACCGAATGATAAATCCCACGGACGGATAATCTTCTTTTATCC
CCTTAATAAACCCAAAACATCTGGGGACACAGTGACTTGAGGGTGAGGAGACGCAGATGAAGTGGAGGGG
CTTCTGACAACACCAGATGCCACCCTTTGCTGCCAGTGCTCACCACTGGGTCTTTCTGGGGCTCTGCTGG
AAACTGACGGACTTCCCACTGAAGGAGGCAACCATACCTTACCACTGTAGCGATAATGAAGCCCCAGACA
GACAGACACCCAATGTCACACTAACCTCAGCCCAGAGCTAGAGGTGAGAGAGACAAGCGTGTCTGACCCC
AGGCTTCGTTGTTCGTGAATGATATTCTCAAAACTGTTTAAGTAAATGAGCTATTCCGCCCTGCTCTCCC
CTCCCCTGTCTTGTTTTGGCATAGTGTGGTGTTTTTTTTTTTTTTTTTGTTCTTTTTTTAAAATGTAAG
CTTTATTAAAAAAAGAAAAATACATTCTTTTCCTATTCAAACTCACACTGTGTTTATGTTCTGCCTTTCA
AATGGCTGTGTGTCTGTGTGCATGTACAGAATTGTAAAGCACTTAGGCCCTCCTTTTTCACATGAAGTTT
GTTTTAGCTTGGTTTTCCAAGAAAACGTTTCTCTGTGGAGCCCCGGCTGTCCTGGAACTCACTCTGTAGA
CCAGGCTGGCCTCAAACTCAGAAATCCACCTTCCAAGTGCTGGGAATATAGGTGTGTGCCACTAGCTTAG
TCAGGCCACATGTAAAGTTTTACCAGAAATTCCCTTAAATTTTGTTGAGATGAACAAAGATAATGTTAAA
GATTCTGTATTAAATTTGAATTTATGTGTGTTTTTGAAGTATTTAATAAAGCTTAGATTTTTTTATAGAG
AAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_033476

Insert Size:	1503 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:	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:	BC022131, AAH22131
RefSeq Size:	3238 bp
RefSeq ORF:	1503 bp
Locus ID:	21422
UniProt ID:	Q9ERA0
Cytogenetics:	15 56.33 cM
Gene Summary:	Binds a variety of cellular promoters including fibrinogen, alpha-globin promoters. Activation of the alpha-globin promoter in erythroid cells is via synergistic interaction with UBP1 (By similarity). Functions as part of the SSP (stage selector protein) complex. Facilitates the interaction of the gamma-globin genes with enhancer elements contained in the locus control region in fetal erythroid cells. Interacts by binding to the stage selector element (SSE) in the proximal gamma-globin promoter (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.