

Product datasheet for **MC218266**

Ubp1 (NM_001083319) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ubp1 (NM_001083319) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ubp1
Synonyms:	Cp2b; LBP-1a; LBP-1b; NF2d9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC218266 representing NM_001083319
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCTGGGTGCTCAGTATGGACGAGGTGATCGAGTCCGGGCTGGTGCACGACTTCGACTCCAGCCTGT
 CCGGCATCGGGCAGGAGCTGGGCGCCGGCGCTACAGCATGAGTATGTGTTGGCATTGCCATTTTCAA
 GCAAGAAGATTCCAGTCTTTCTTGAAGATGAGGCCAAGCACCCCCCTTCCAATATGTAATGTGTGCT
 GCAACTTCGCCAGCCGTTAAGCTGCACGACGAGACACTTACTTACTTGAACCAAGGCCAGTCTTATGAAA
 TTCGGATGCTGGATAATCGCAAATGGGAGACATGCCTGAGCTCAGTGGGAAGTTGGTAAAGAGCATCAT
 AAGGGTGGTGTCCATGACAGGCGGCTACAGTACACAGAACATCAGCAGCTTGAAGGCTGGAAGTGAAT
 CGTCCAGGAGACAGGCTTCTCGATTTAGATATTCCAATGTCTGTGGGAATAATTGACACAAGGACAAATC
 CAAGCCAGTTAAATGCAGTTGAATTTCTGTGGACCCTGCAAAGCGCACATCTGCCTTCATTGAGGTACA
 TTGTATCAGCACAGAATTCACCCCGCTAAGCATGGAGGTGAAAAAGGAGTGCCTTTCAGGATCCAGGTT
 GACACCTTAAAGCAGAATGAAAACGGGGAAATACACAGATCATCTTCACTAGCCAGCTGCCAAATCAAAG
 TCTTTAAGCCTAAAGGTGCAGACAGAAAACAAAAAATGACCCGAGAAAAGATGGAGAAGAGAACAGCTCA
 TGAAAAAGAAAAGTACCAGCCATCTTACGACACCACCTTCTCACAGAGATGAGGCTTGAGCCTATAATT
 GAAGATGCAGTTGAACATGAGCAGAAAAAGTCCAGCAAGCGGACTTTGCCAGCAGACTACGGTGATTCTC
 TGGCAAAGCGAGGCGATTGTTCTCCATGGCCCCGACACCCCTACAGCCTATGTGAACAACAGCCCTCCCC
 AGCGCCCACTTTCACCTCCTCACAACCGAGCACGTGCAGTGTCCAGACAGCAATTCTTCATCCCCAAAT
 CACCAGGGAGATGGAGCTGCACAAGCGTCTGGGAACAAATTCAGCCTTCAGTACAACCCAGGAAACAC
 AGCAGTGGCTGCTCAAAAACAGGTTCTCTTCTACACAAGACTGTTCTTAATTTTTGAGGTGCCGACTT
 ATTAAGCTGACAAAGGAGGATTTAGTTAGATTTGTGGTGCAGCCGATGGAATTCGGCTCTATAATTCC
 CTGAAGTCAAGGTCGTTAGGCCCGCTTAACCATCTATGTCTGCCAGGAGCAGCCGAGTGCACCCGCGC
 TGCAAGGGCAGCCACAAGCTGCAGGCGAGTGGAGGTGAAAGTGGCGGTGGGACGCCCTCCGTTTATCATGC
 AATCTACTTGAAGAAAATGGTTGCCTCAGAAGTTGCTCGAAAACCTGCCTCCGTGTTAATATTCTTTTC
 CACCAAATTAACCAGGTTTACAGACAGGGCCCCACTGGTATCCACATTCTGTTAGTGACCAGATGGTTC
 AGAACTTCAAGATGAACTGTTTTTTATTCTCCACAGTAAAAGCTGAAAATAATGATGGTATTACAT
 AATTTTGAAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001083319

Insert Size: 1623 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:	<u>NM_001083319.1</u> , <u>NP_001076788.1</u>
RefSeq Size:	3857 bp
RefSeq ORF:	1623 bp
Locus ID:	22221
UniProt ID:	<u>Q811S7</u>
Cytogenetics:	9 F3
Gene Summary:	<p>Functions as a transcriptional activator in a promoter context-dependent manner. Involved in regulation of the alpha-globin gene in erythroid cells. Activation of the alpha-globin promoter in erythroid cells is via synergistic interaction with TFCP2. Functions as a trans-acting factor that regulates the domestic strain CYP2D9 gene through specific association with the regulatory element SDI-A1. Binding to SDI-A1 depends on the type of nucleotide at position 299; binding is abolished by a nucleotide substitution at this position. Modulates the placental expression of CYP11A1 (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer protein (isoform a).</p>