

Product datasheet for MC202506

Atraid (NM_027855) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Atraid (NM_027855) Mouse Untagged Clone
Tag: Tag Free
Symbol: Atraid
Synonyms: 0610007C21Rik; AI316792; Apr3; HSPC013; p18
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC057097 sequence for NM_027855
 TGGGAAATGGCGTCTCGGGAGTCAGGCGGCTCTCGGGCGGCCCTGCTCCTGGTTCTGGGCGTGGAGA
 GGGCCCTGGCTCTACCTGAGATATGCACCCTGTGTCGGGAGGTATGCACAATTTGTCAGAGTGGCTGC
 TTAGTGTGAGGATACATCGAAGCTAATGCAGGCCGATGCTGCCTGAATCAGAAGGGCACCATCTTGGGG
 CTAGATCTTCAGAACTGTTCCCTGAAGGATCCTGGTCCAAACTTTTTACAGGCTTATACTGCTATTATCA
 TAGACCTTCAGGCAAACTCTCAAGGATGATTTGGCCAACACCTTCCGTGGGTTTACTCAGCTGCAGAC
 TCTGATACTACCACAAGATGTTCCCTGTCTGGAGGTAGTAATGCCTGGGACAATGTTACTTCTTTCAAG
 GACAAGCAGATTTGCCAAGGGCAAAGGGACCTTTGCAATAGCACTGGAAGCCAGAAATGTGCTCCTGAGA
 ACGGATCTTGTGCATCTGACGGTCTGGTCTTTGCAAGTGCCTGGTGTGCTGATGGTTTCCATGGATAACA
 GTGTATGAGGCAGGGCTCATTTTACTGCTTATGTTCTTTGGGATTCTGGGATCCACCACGCTAGCCATC
 TCCATTCTACTTTGGGGAACCCAGCGCCGAAAGCCAAGGCTTCATGAGCCACACAAGACTTCCAGCTCA
 CCTGACTGCGCACCTCATCTATCAAGTCCCGGCATGTGCGAGCCAAGAAGATTTACTTCGTTGACAAT
 TACTGGCCAATGAGCAGAACTGTTTAAGGCTGAAGCGGCCATTGATAATGAAAGGTGCAAAATGCACCA
 CCTCGGGGTCTTGTGGACACTTGGTTCAGGAGTGGACTCGTACTAATTTGTATTATTGACTACAATAAA
 CACCTTTTCCCCGTTTTAGAGAA

Restriction Sites: AscI-NotI

ACCN: NM_027855

Insert Size: 672 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).



[View online »](#)

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>BC057097</u> , <u>AAH57097</u>
RefSeq Size:	979 bp
RefSeq ORF:	672 bp
Locus ID:	381629
UniProt ID:	<u>Q6PGD0</u>
Cytogenetics:	5 B1
Gene Summary:	<p>Promotes osteoblast cell differentiation and terminal mineralization. Plays a role in inducing the cell cycle arrest via inhibiting CCND1 expression in all-trans-retinoic acid (ATRA) signal pathway (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>