

## Product datasheet for **MC204563**

### Itm2a (NM\_008409) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Itm2a (NM\_008409) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Itm2a  
**Synonyms:** AW108051; Bricd2a; E25; Itm2  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC031420  
GGAGAGGAGACACTAAGTGCTGCTCAAGCAAGCGCGATCCTCTCCTCTTTCAACCTGCAGCCCAAGATAC  
TGATTCGAGCCGCGCCTTACCGCGCAGCCCGAAGATTCACCATGGTGAAGATCGCCTTCAACACCCCTAC  
GGCGGTGCAAAAAGGAGGAGGCGCGCAAGATGTAGAGGCGCTCGTCAGTCGCACTGTCCGAGCTCAAATC  
CTGACTGGCAAGGAGCTCAGAGTTGTCCCGCAGGAGAAAGATGGCTCATCTGGGAGATGCATGCTTACTC  
TCTAGGCCTCTCATTCTCTTGGCAGGACTGATTGTTGGTGGAGCCTGCATTTACAAGTACTTCATGCC  
CAAGAGCACCATTTACCATGGTGAAGATGTGCTTCTTTGATTCTGAGGATCCTGTCAATTCATTCTGGA  
GGAGAGCCATACTTTCTGCCTGTGACTGAGGAGGCTGATATCCGTGAGGATGACAACATTGCCATCATTG  
ATGTGCCTGTGCCAGTTTCTCTGATAGCGATCCGGCGGCAATTATTCACGACTTTGAGAAGGGAATGAC  
TGCTTACCTGGACTTGCTTTTGGGAAACTGTTATCTGATGCCCTCAATACTTCCATTGTTATGACTCCA  
AAGAATCTGGTGGAACTTTTGGAAAACGGCAAGTGGCAAGTATTTGCCTCATACTTATGTGGTTCGTG  
AAGACCTGGTTGCTGTGGAAGAAATTCGTGATGTTAGTAACCTTGGTATTTTTATTACCACTTTGCAA  
CAACCGAAAATCCTTCCGCCTTAGACGCAGAGACCTTCTGCTGGGTTTCAACAAGCGTGCCATTGACAAA  
TGCTGGAAGATTAGACACTTCCCAATGAATTTATCGTTGAAACCAAGATCTGTCAGGAGTGAATGTGA  
CAGATAAAGAGTATCCTTGATAATAAGAAGTCAGGAACCTACCGTCTGACTTGGAAAATTGAAATGATG  
GGATACTCATGCTATTTACTCATACTTACTCTATTGCTTATACTGGAAAAGGAAAGGGAAAGGGGGGA  
GAAAACACTAACCAGTCAAGCGATTGCCAATTCTACTTTAATTGACATTGCTTGCTGTTTTCAACAA  
GTCAAATGATTATCTTTCTCTTGAATTTATAGGGTTTAGATTTCTGAAAGCAGCATGAATGTGTCATCT  
TACCATCTGACAATAAAGCCATCCTCTGGTTTTATTTAAAGCAAGCTTTTCCAACATCACTTTGGCTA  
GAGCATGCTTTAAATTTAAAATATTTGAAATTTGTTTTGACATTTTTTTGTGTGAAACATGTCAAATCT  
CTTACCATTCTTTGGTTTTCTTCTTTATTATGTTCAACTCTCCTGATTTTCAAGATTACATTTTTGCATT  
TCTATCAGGTGCTGTGAACGAATCTGACTGATATGTGAACAATCTCATGAGGAAGCAATTTTTACTC  
ATGTAATGATTCTTTCTCACTGATATCTGTATTGTGAAATCCACAGAAGTGTACAGGTGCTGAATGCTGT  
AAGGAGTCTGGTTGATGAATTCTACAACCTATAATAAAGTTTACCGTATTCAAAAAAAAAAAAAAAAAAAA AAA

**Restriction Sites:** RsrII-NotI



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<b>ACCN:</b>	NM_008409
<b>Insert Size:</b>	792 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">BC031420</a></u> , <u><a href="#">AAH31420</a></u>
<b>RefSeq Size:</b>	1613 bp
<b>RefSeq ORF:</b>	792 bp
<b>Locus ID:</b>	16431
<b>UniProt ID:</b>	<u><a href="#">Q61500</a></u>
<b>Cytogenetics:</b>	X D