

## Product datasheet for **MG208255**

### **Baiap2l1 (NM\_025833) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Baiap2l1 (NM_025833) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Baiap2l1
Synonyms:	1300006M19Rik; AI585895; IRTKS
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>MG208255 representing NM\_025833  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTCTCGGGGGCCGGAGGAGGTGAACCGCTCACGGAGAACACGTACCGGAATGTGATGGAACAATTCA  
 ACCCTGGACTACGGAACCTAATAAACCTAGGAAAAAATTATGAAAAAGCGGTGAATGCTATGATCCTGGC  
 AGGAAAAGCCTACTACGACGGCGTGCCCAAGATTGGTGAATGGCACTGGGTCTCCTGTGTCAACAGAG  
 CTAGGCCATGTCTCATAGAGATTTCCAGCACCCACAAGAACTCAATGAGACTCTTGATGAAAAATTCA  
 AAAAAATCCATAAGGATATTATCCATGAGCTGGAGAAGAAGACAGAACTTGATGTAAAGTATATGAACGC  
 TACTCTTAAAAGATATCAAGCAGAGCACAGGAATAAATTAGATTCTTTGGAGAAATCTCAGGCGGAGCTG  
 AAGAAGATCAGAAGAAAAAGTCAAGGTGGACGAAACGCACTCAAATACGAGCACAAAGAAATGAGTATG  
 TGGAGACGGTGACGTCTGCCAGAGTGAGATCCAGAAGTTCATTGCCGATGGCTGCAAAGAAGCCCTGCT  
 TGAGGAAAAAAGCGCTTCTGCTTCTGGTGGACAAGCACTGCAGCTTTGCCAGTCACATACACTACTAT  
 CACATGCAGTCTGCAGAGTTACTTAATTCGAAGCTGCCCGGTGGCAGGAAACCTGTTGTGATGCCACAA  
 AAGTCCCAGAGAAAATCATGAACATGATAGAAGAGATAAAGACGCCCATCTCCACCCCGGTGCCGGAC  
 GCCACAGCCATCGCCATGATCGAGAGAAGCAAGATGATTGGGAAAGATTATGACACCCTTTCTAAATAC  
 TCACCAAAGATGCCCCCTGCTCCTTCAGTCAAAGCCTACACCAGTCCCTTGATTGACATGTTCAATAACC  
 CAGCTACAGCTGCACAGAGTTCAGAAAAACAACAACCCACAGCAAACACTGGGGAAGATCCCAGTCT  
 ACAGCGATCGGTTTCTGTTGCAACTGGGCTGAACATGATGAAGAAGCAGAAGGTGAAGACCATCTCCCT  
 CACACGGCTGGCAACAATAAGACCCTACTGAGCTTTGCCAGGGGGATGTCCTCACACTGCTCATCCCTG  
 AGGAGAAGGACGGCTGGCTCTACGGGGAGCATGACACCACAAAGCGAGGGCTGGTTCATCGTCATA  
 TACAAAGTTGCTGGAAGAAAATGAAGCAATGTCTGTCCCTACACCAAGCCCTGCACCCGTGAGAAGCATC  
 AGCACGGTGGACCTGACTGAGAAGAGCAGCGTTGTCATCCACCTCCCGACTACTTGAGTGCCTGTCCA  
 TGGGAGCCACCTCAGACAAGAAAGCGGGCGCTCCAAGGTGCCTTCTGCTTCTACCTCAGAGCGCCAGT  
 GTCCAGACCAGACGCCACATCCACCTCTCCAGCGATGCCAACGGGACCGCAAAGCCGCATTCTCAGT  
 GGAGAAAACCCCTTGGCACCGTGAACCTCCGGCAACAGTGACAAATGACCGATCAGCACCGATCATCC  
 GA

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA

**Protein Sequence:**

>MG208255 representing NM\_025833  
 Red=Cloning site Green=Tags(s)

MSRGPEEVNRLTENTYRNVMEQFNPGLRNLINLGKNYEKAVNAMILAGKAYYDGVAKIGEIATGSPVSTE  
 LGHVLIEISSSTHKKLNETLDENFKFKHKDIHELEKKTLDVKYMNATLKRYQAEHRNKLDLSLEKSQAE  
 KKIRRKSQGGRNALKYEHKEIEYVETVTSRQSEIQKFIADGCKEALLEEKRRFCFLVDKHCSFASHIHY  
 HMQSAELLNSKLRWQETCCDATKVPEKIMNMIEEIKTPISTPVSQTPQSPMIERSKMIKDYDTLSKY  
 SPKMPAPSVKAYTSPLIDMFNNPATAAQSSSEKTNNSTANTGEDPSLQRSVSVATGLNMMKKQKVKTI  
 HTAGNNKTLTSAQGDVLTLLIPEEKDGLWYGEHDTTKARGWFPSSYTKLLEENEAMSVPTSPAPVRSI  
 STVDLTKSSVVIPPPDYLECLSMGATSDKKAGAPKVPSASTFRAPVSRPDATSTSPSDANGTAKPPFLS  
 GENPFATVKLRPTVTNDRSAPIIR

**TRTRPLE** - GFP Tag - V

**Restriction Sites:**

Sgfl-MluI



<b>ACCN:</b>	NM_025833
<b>ORF Size:</b>	1542 bp
<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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>	<a href="#">NM_025833.3</a> , <a href="#">NP_080109.1</a>
<b>RefSeq Size:</b>	3248 bp
<b>RefSeq ORF:</b>	1545 bp
<b>Locus ID:</b>	66898
<b>UniProt ID:</b>	<a href="#">Q9DBJ3</a>
<b>Cytogenetics:</b>	5 G2
<b>Gene Summary:</b>	May function as adapter protein. Involved in the formation of clusters of actin bundles. Plays a role in the reorganization of the actin cytoskeleton in response to bacterial infection (By similarity).[UniProtKB/Swiss-Prot Function]