

Product datasheet for **RN202875**

Baiap2l1 (NM_001034140) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Baiap2l1 (NM_001034140) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Baiap2l1
Synonyms:	RGD1308452
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN202875 representing NM_001034140
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCTCGGGGGCCGGAGGAGGTGAACCGCTCACGGAGAACACGTACCGGAATGTTGTGGAACAATTCA
 ATCCTGGACTACGAACTTAATAAACCTAGGAAAAAATTATGAAAAAGCAGTGAATGCTATGATCCTGGC
 AGGAAAAGCCTACTACGACGGAGTGGCCAAGATTGGGAAATCGCCACTGGGTCTCCTGTGTCAACAGAA
 CTAGGCCATGTTCTCATAGAGATTTCCAGCACCCACAAGAACTCAACGAGACTCTCGATGAGAATTTCA
 AAAAATCCATAAGGAGATTATCCATGAGTTGGAGAAGAAGACAGAACTTGATGTAAAGTACATGAACGC
 TACTCTTAAAAGATATCAAGCAGAACACAGGAATAAATTAGATTCTTTGGAGAAATCTCAGGCGGAGTTG
 AAGAAGATCAGAAGAAAAAGTCAAGGTGGACGAAACGCACTCAAATATGAACACAAGAAATCGAGTATG
 TGGAGACAGTTACCTCTGCCAGAGTGAATCCAGAAGTTCATCGCAGATGGCTGCAAAGAAGCGCTGCT
 TGAGGAGAAGAGCGCTTCTGCTTCTGGTGGACAAGCACTGCAGCTTTGCCAGTCACATACACCGCTAT
 CACCTGCAGTCTGCAGAATTACTTAACTCCAAGCTGCCCGATGGCAGGAAACCTGTTGTGATGCCACGA
 AAGTCCCAGAGAAAATCATGAACATGATAGAAGAGATAAAGACGCCCATCTTACCCAGTGTCCGGGAC
 GCCACAGCCATCGCCATGACGGAGAGAAGCAAGATGATTGGGAAAGACTACGACACCCCTTTCTAAATAC
 TCACCGAAGATGCCCGGCTCCTTCAAGTCAAAGCCTACACAGTCCCTGATTGACATGTTCAACAACC
 CTGCCACGGTGGACAGAGCGCAGAGAAAACCAACAACCTCCACAGCAAACACTGGGGACGATCCCAGTTT
 ACAGCGGTCCGCTCTGTTGCAACTGGGCTGAACATGATGAAGAAGCAGAAAGTGAAGACCATCTCCCT
 CACACCGCTGGCAACAATAAGACCTTACTGAGCTTTGCCAGGGGACGTCCTCACACTGCTCATTCCCG
 AGGAGAAGGACGGCTGGCTCTACGGGGAGCATGACACCACAAAGTGAAGGGCTGGTTCCCATCATCATA
 CACAAAGTTGCTGGAAGAAAACATGAAGGAAGCTATGTCTGTACCAACACCAAGCTCTGCACCAAGTGA
 AGCATCAGCACTGTGGATCTGACTGAGAAGAGCAGCGTTGTCATCCCTCCTCCTGACTACCTGGAGTGCC
 TGTCCATGGGAGCCACTCCGACAAGAGAGCAGACGCTGCCAAGATACCTTCTACTTCTACCTTCAAAGC
 CCCAGTGGCCAGACCAGATGCCACGTCCACATCTCCAGTGAATGGGACCGCGAAGCCACCATTC
 CTCAGTGGAGAAAACCCCTTGGCCACCGTGAACCTCCGGCCGACAGTGACCAATGACCGATCGGCACCGA
 TCATCCGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001034140

Insert Size: 1551 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: [NM_001034140.1](#), [NP_001029312.1](#)

RefSeq Size: 2295 bp

RefSeq ORF: 1551 bp

Locus ID: 304282

UniProt ID: [Q3KR97](#)

Cytogenetics: 12p11

Gene Summary: 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]