

Product datasheet for **RN209569**

Arl13b (NM_001107101) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Arl13b (NM_001107101) Rat Untagged Clone
Tag: Tag Free
Symbol: Arl13b
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN209569 representing NM_001107101
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTCAATCTGATGGCCAACCTGCTGCACTTGTTC AAGCGGTGGCGGGAGCCTGT CAGAAAGGTGACAC
TTGTGATGGTTCGACTTGATAATGCTGGTAAAACAGCCACAGCAAAGGGAATCCAAGGAGAGCATCCTGA
AGACGTGGCTCCCAGTGTGGATTTTCTAAAATTGATCTGAGACAAGGAAAGTTTGAAGTTACCATCTTT
GACTTAGGAGGTGAAAAAGAATTCGGGAATTTGGAAGAATTATTATGCTGAATCCTATGGGGTAAATAT
TTGTTGTGGATTCCAGTGATGAAGACAGAATGGAAGAAACGAAGGAGACAATGTCAGAAGTGCTAAGACA
CCCTCGGATATCAGGAAAGCCTATATTGGTGTGGCAAATAACAAGACAAGGAGGGGGCTTTAGGAGAA
GCTGATGTGATTGAGTGTCTGTCTCTGGAAAAGCTGGTCAATGAGCACAAGTGCCTGTGTGAGATAGAAC
CTTGTTCAGCAGTCTTGGGATATGGAAAGAAAATCGACAAGTCCATTAAGAGGGGCTTTATTGGCTACT
GCATATCATTGCAAAAGATTTTGTGCTTAAGTGAACGCATCCAGAAAGACACAACCTGAACAGCGAGCT
CTTGAGGAACAAGAGAAATGTGAGAGGGCTGAAAGAGTAAGGAAGTTACGAGAAGAAAGAGAACAAGAAC
AGACGGAACCTTGATGGGACCAGTGGTCTGGCAGAGATGGACTCAGGACCAGTTCTTACAAATCCTTTCCA
ACCCATAGCAGCTGTATCATTGAGAATGAAAAGAAACAGGAAAAAGAGAAAAAGAAAGACTGCGGAG
AAGGACAGTGATGTTGGCCACCCAGAACATAAAGGGGAACAGGAGGGAGCAGAGTCCGAGATGAGGCGAG
GTGGCTGCCTCAGGAACCTCACAGGGATGTGGTAAATAGTTACAAGGAGGCACTGTACAGCAACTGGA
CAACGAGGATGAGCTAGACCAACGAGTGTGAGAACCAGGTGATAACAGTAAGAAGAAAACCAAGAAATTA
AGAATGAAAAGGAGTCATCGGGTAGAACAGTCAATACAGACGAGTCTGCTCCTAAGAGTCCCACGCCGC
CCCCACCTCCCCCTCCTGTTGGCTGGGGAACCCCCAAAGTCACTAGACTTCCAAAACCTTGAGCCTCTTGG
TGAACACGTCATAATGATTTCTATGGGAAGCCGCTGCCTCCCCGGCTGTGCGACAAAGACCTAATGGT
GATGCTCAGGACATGATCTCA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001107101
Insert Size:	1284 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_001107101.1, NP_001100571.1</u>
RefSeq Size:	3535 bp
RefSeq ORF:	1284 bp
Locus ID:	304037
Cytogenetics:	7q11