

Product datasheet for **RN216936**

Trim23 (NM_001100637) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trim23 (NM_001100637) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Trim23
Synonyms:	Ard1; Arfd1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN216936 representing NM_001100637
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCTGCCCTCGCTGTAACAAGCCCGGAGCAGGAGTAGACAGTGGCGGCAGGCAGCCGGGGACGG
 CTGTGGTGAAGGTTCTGGAGTGTGGTGTGGTGAAGATGTCTTCTCTGCAAGGAGATAAAGTTCTCTG
 CCTTCTCCTTTGTGGCCACACAGTCTGTGATGACTGTCTCTCTGCTTGCCTCTGCATGGAAGAGCAATA
 CGTTGCCCATTTGATCGACAAGTGACAGACCTAGGAGATTGAGGTGTCTGGGGTTTGAAAAAATTTTG
 CTTTACTGGAGCTTTTAGAACGTTTGCAAAATGGACATATTGGTCAGTATGGAGCTGCAGAAGAAGCCCT
 TGGGATATCTGGAGAGAGTATCATTGCTGTGATGAAGATGAAGCTCACGTTGCATCTGTGTACTGCACT
 GTGTGTGCGACTCACTTGTGCTCAGAGTGTCTCAAGTCACTCATTCTACAAAGACTCTGGCCAAGCATA
 GCGGAGTGCCTTAGCTGATAAACCTCATGAGAAGACCATGTGCTGTGAGCACCAGGTACATGCCATTGA
 GTTTGTTTGTGGAAGAAGCTTGTCAAAGTCTCATGTGCTGTGCTGCAAAGAATATGAAAA
 CACCAGGGTACAAGCACTCAGTACTGGAGCCAGAAGCTAACCAGATCCGAGCGTCAATTTAGACATGG
 CTCACTGCATACGAACCTTCACTGAGGAGATCTCAGATTATCCAGAAAATTAGTTGGGATTGTTACGCA
 CATTGAAGGAGGAGAACAATAGTGAAGATGGAATTGGAATGGCTCACACGGAACACGTCGCCAGGTA
 GCAGAGAATGCACGATCATGTGTCAGAGCTTATTTTCTGATTTGCATGAAACTCTTTGTCGTCGAAGA
 AAATGGCTCTCAGTGTGTTGATGCCCCATGTTGAGAAAAACTGATTTGGCTTAGGCAGCAACAAGAGGA
 TATGACTATTCTTGTCCCAGGTTTCAACAGCCTGTCTCCATTGTGAAAAGACTTTGCAGCAGGATGAT
 TGCAGAGTTGTCTGGCAAAAACAAGAAATCACAAGATTATTAGAAACACTGCAGAAACAGCAGCAGCAGT
 TTACAGAAGTTGCAGATCATATTCAGTTGGATGCCAGTATTCCAGTCACTTTTACAAAGGACAACAGAGT
 TTATATTGGACCCAAAATGGAATACGAGTAGTCACATTAGGATTAGATGGTGTGGAAAAACTACTATT
 TTGTTCAAGTTAAAAACAAGATGAATTTATGACGCCTATTCCAACAATTGTTTTAATGTGAAAAGTGTGG
 AATACAAAAATCTAAAATTCACCATTTGGGATGTGGGTGAAAAACACAAATTAAGACCATTGTGGAACA
 TTATTACCTCAATACACAAGCTGTTGATTTGTTGTTGACAGCAGTCACAGAGACAGAAATTAGTGAAGCA
 CACAGTGAACCTGCGAAGTTGTTAACAGAAAAAGAACTTCGAGATGCCTTACTCTTGATTTTTGCTAACA
 AACAGGATGTGCTGGGGCACTTTCGGTTGAAGAAATCACCGAAGTCTCAGTCTCCATAAATTATGCTG
 CGGAAGGAGCTGGTATATTAGGGCTGTGATGCTCGAAGTGGTATGGGGCTCTACGAAGGGTTGGACTGG
 CTGTCCCAGCACTTGTGGCTGCCGGAGTGTGGATGTTGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001100637
- Insert Size:** 1725 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001100637.1](#), [NP_001094107.1](#)

RefSeq Size: 3308 bp

RefSeq ORF: 1725 bp

Locus ID: 81002

UniProt ID: [P36407](#)

Cytogenetics: 2q12

Gene Summary: a guanine nucleotide-binding protein that may function as a ADP-ribosylation factor [RGD, Feb 2006]