

Product datasheet for **RR216936**

Trim23 (NM_001100637) Rat Tagged ORF Clone

Product data:

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



[View online »](#)

ORF Nucleotide Sequence:

>RR216936 representing NM_001100637
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCTGCCCTCGCTGTAACAAGCCCGGAGCAGGAGTAGACAGTGGCGGCAGGCAGCCGGGGACGG
 CTGTGGTGAAGGTTCTGGAGTGTGGTGTGGTGAAGATGTCTTCTCTGCAAGGAGATAAAGTTCTCTG
 CCTTCTCCTTTGTGGCCACACAGTCTGTGATGACTGTCTCTCTGCTTGCCTCTGCATGGAAGAGCAATA
 CGTTGCCCATTTGATCGACAAGTGACAGACCTAGGAGATTGAGGTGTCTGGGGTTTGAAAAAATTTTG
 CTTTACTGGAGCTTTTAGAACGTTTGCAAAATGGACATATTGGTCAGTATGGAGCTGCAGAAGAAGCCCT
 TGGGATATCTGGAGAGAGTATCATTGCTGTGATGAAGATGAAGCTCACGTTGCATCTGTGTACTGCACT
 GTGTGTGCGACTCACTTGTGCTCAGAGTGTCTCAAGTCACTCATTCTACAAAGACTCTGGCCAAGCATA
 GCGGAGTGCCTTAGCTGATAAACCTCATGAGAAGACCATGTGCTGTGAGCACCAGGTACATGCCATTGA
 GTTTGTTTGTGTTGAAGAAGCTTGTCAAAGTCTCATGTGCTGTGCTGCAAAGAATATGGAAAA
 CACCAGGGTACAAGCACTCAGTACTGGAGCCAGAAGCTAACCAGATCCGAGCGTCAATTTAGACATGG
 CTCACTGCATACGAACCTTCACTGAGGAGATCTCAGATTATCCAGAAAATTAGTTGGGATTGTTACGCA
 CATTGAAGGAGGAGAACAATAGTGAAGATGGAATTGGAATGGCTCACACGGAACACGTCGCCAGGTA
 GCAGAGAATGCACGATCATGTGTCAGAGCTTATTTTCTGATTTGCATGAAACTCTTTGTCGTCGAAGA
 AAATGGCTCTCAGTGTGTTGATGCCCATGTTGCGAAAAACTGATTTGGCTTAGGCAGCAACAAGAGGA
 TATGACTATTCTTGTCCAGGTTTCAACAGCCTGTCTCCATTGTGAAAAGACTTTGCAGCAGGATGAT
 TGCAGAGTTGTCTTGGCAAAAACAAGAAATCACAAAGATTATTAGAAACTGCAGAAACAGCAGCAGCAGT
 TTACAGAAGTTGCAGATCATATTCAGTTGGATGCCAGTATCCAGTCACTTTTACAAGGACAACAGAGT
 TTATATTGGACCCAAAATGGAAAATACGAGTAGTCACATTAGGATTAGATGGTGTGGAAAAACTACTATT
 TTGTTCAAGTTAAAAACAAGATGAATTTATGACGCCTATCCAAACAATTGTTTTAATGTGAAAAGTGTGG
 AATACAAAAATCTAAAATTCACCATTTGGGATGTGGGTGAAAAACACAAATTAAGACCATTGTGAAAACA
 TTATTACCTCAATACACAAGCTGTTGATTTGTTGTTGACAGCAGTCACAGAGACAGAATTAGTGAAGCA
 CACAGTGAACCTGCGAAGTTGTTAACAGAAAAAGAACTTCGAGATGCCTTACTCTTGATTTTTGCTAACA
 AACAGGATGTGCTGGGGCACTTTCGGTTGAAGAAATCACCGAAGTCTCAGTCTCCATAAATTATGCTG
 CGGAAGGAGCTGGTATATTCAGGGCTGTGATGCTCGAAGTGGTATGGGGCTCTACGAAGGGTTGGACTGG
 CTGTCCCGCAACTTGTGCTGCCGGAGTGTGGATGTTGCT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR216936 representing NM_001100637
 Red=Cloning site Green=Tags(s)

MAALAVNKPAGVDSGRQGSRGTA VVKVLECGVCEVDFSLQGDKVPRLLLCGHTVCHDCL SRLPLHGRAI
 RCPFDRQVTDLDGDSGVWGLKKNFALLELLERLQNGHIGQYGAAEEALGISGESIIRCEDEAHVASVYCT
 VCATHLCSECSQVTHSTKTLAKHRRVPLADKPHEKTMCCQHVVHAI EFVCL EECQTSPLMCCVCKEYK
 HQGHKHSVLEPEANQIRASILDMAHCIRTFTTEEISDYSRKL VGI VQHIEGGEQIV EDGIGMAHTEHVP
 AENARSCVRA YFSDLHETLCRQEEMALSVVDAHVREKLIWLRQQQEDMTILL SQVSTACLHCEKTLQDD
 CRVVLAKQEITRLLLET LQKQQQFTEVADHIQLDASIPVTF TKDNRVYIGPKMEIRVVTLGLDGAGKTTI
 LFKLKQDEFMQPIPTIGFNVETVEYKLNKFTIWDVGEKHKLRPLWKHYLNTQAVV FVVDSSHRDRISEA
 HSELAKLLTEKELRDALLLIFANKQDVAGAL SVEEITELLSLHKLCCGRSWYIQGCDARSGMGLYEGLDW
 LSRQLVAAGVLDVA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001100637

ORF Size: 1722 bp

OTI Disclaimer: 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. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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

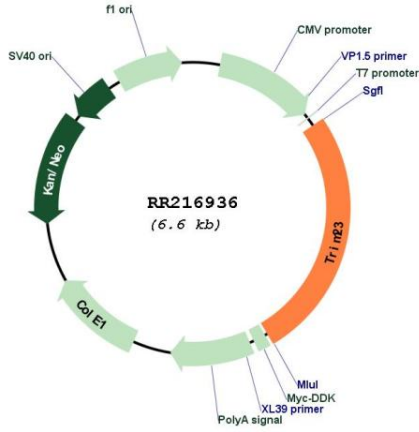
UniProt ID: [P36407](#)

Cytogenetics: 2q12

MW: 64.1 kDa

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

Product images:



Circular map for RR216936