

Product datasheet for **RC237264**

RNF36 (TRIM69) (NM_001301144) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RNF36 (TRIM69) (NM_001301144) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TRIM69
Synonyms:	HSD-34; HSD34; RNF36; Trif
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RC237264 representing NM_001301144 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAGTTTCTAAAGCTGCATCAGTTCCTGCACAGCAAAGAAAAGGACATTTAACTGAGCTCCGGGAAG
AGGGGAAAGCCTTGAATGAGGAGATGGAGTTGAATCTGAGCCAGCTTCAGGAGCAATGTCTTTAGCCAA
GGATATGTTGGTGAAGCATTTCAGGCAAAGACGGAACAACAGAACTCCTTCGACTTTCTCAAAGACATCACA
ACTCTCTTACATAGCTTGGAGCAAGGAATGAAGGTGCTGGCAACCAGAGAGCTTATTTCCAGAAAGCTGA
ACCTGGGCCAGTACAAAGGTCTATCCAGTACATGGTATGGAGGGAAATGCAGGACACTCTCTGCCCAGG
CCTGTCTCCACTAACTCTGGACCCTAAAACAGCTCACCCAAATCTGGTGCTCTCCAAAAGCCAAACCAGC
GTCTGGCATGGTACATTAAGAAGATAATGCCTGATGATCCTGAGAGGTTTGACTCAAGTGTGGCTGTAC
TGGGCTCAAGAGGCTTACCTCTGGAAAGTGGTACTGGGAAGTAGAAGTAGCAAAGAAGACAAAATGGAC
AGTTGGAGTTGTCAGAGAATCCATCATTTCGGAAGGGCAGCTGTCTCTAACTCCTGAGCAAGGATTCTGG
CTTTAAAGACTAAGGAACCAAATGATCTAAAGGCTCTGGATTTGCCTTCTTTTCAGTCTGACTGACTACTA
ACAACCTCGACAAGGTGGCATATACCTGGATTATGAAGGAGGACAGTTGCTCTTCTACAATGCTAAAAC
CATGACTCACATTTACACCTTCAGTAACACTTTTCATGGAGAACTTTATCCCTACTTCTGCCCTGCCTT
AATGATGGTGGAGAGAATAAAGAACCATTGCACATCTTACATCCACAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC237264 representing NM_001301144
 Red=Cloning site Green=Tags(s)

MEFLKLHQFLHSKEKDILTELREEGKALNEEMELNLSQLQECLLAKDMLVSIQAKTEQQNSFDLKDIT
 TLLHSLEQGMKVLATRELISRKLNLGQYKGIQYMWVREMQDTLCPGLSPLTLDPKTAHPNLVLSKSQTS
 VWHGDIKKIMPDDPERFDSSVAVLGSRGFTSGKWWVEVAKKTKWTVGVVRESIIRKGCPLTPEQGFV
 LLRLRNQTDLKALDLPFSLTLTNNLDKVGIYLDYEGGQLSFYNAKTMTHIYTFSTNTFMEKLYPYFCPL
 NDGGENKEPLHILHPQ

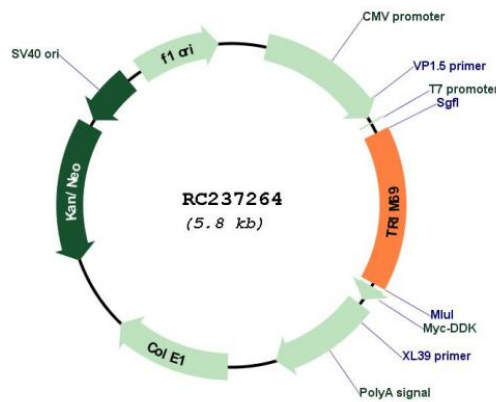
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001301144

ORF Size: 888 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:	<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:	NM_001301144.2
RefSeq Size:	1445 bp
RefSeq ORF:	891 bp
Locus ID:	140691
UniProt ID:	Q86WT6
Cytogenetics:	15q21.1
Protein Families:	Druggable Genome
MW:	34.5 kDa
Gene Summary:	This gene encodes a member of the RING-B-box-coiled-coil (RBCC) family and encodes a protein with an N-terminal RING finger motif, a PRY domain and a C-terminal SPRY domain. The mouse ortholog of this gene is specifically expressed in germ cells at the round spermatid stages during spermatogenesis and, when overexpressed, induces apoptosis. Alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq, Jul 2008]