

Product datasheet for **RC237128**

RNF36 (TRIM69) (NM_001301145) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: RNF36 (TRIM69) (NM_001301145) 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: >RC237128 representing NM_001301145
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGAGTTTCTAAAGCTGCATCAGTTCCTGCACAGCAAAGAAAAGGACATTTAACTGAGCTCCGGGAAG
AGGGGAAAGCCTTGAATGAGGAGATGGAGTTGAATCTGAGCCAGCTTCAGGAGCAATGTCTTTAGCCAA
GGATATGTTGGACATCACAACCTCTTACATAGCTTGGAGCAAGGAATGAAGGTGCTGGCAACCAGAGAG
CTTATTTCCAGAAAGCTGAACCTGGGCCAGTACAAAGGTCTATCCAGTACATGGTATGGAGGGAAATGC
AGGACACTCTCTGCCAGGCCTGTCTCCACTAACTCTGGACCCTAAAACAGCTCACCCAAATCTGGTGTCT
CTCCAAAAGCCAAACCAGCGTCTGGCATGGTGACATTAAGAAGATAATGCCTGATGATCCTGAGAGGTTT
GACTCAAGTGTGGCTGTACTGGGCTCAAGAGGCTTCACCTCTGGAAAGTGGTACTGGGAAGTAGAAGTAG
CAAAGAAGACAAAATGGACAGTTGGAGTTGTGAGAGAATCCATCATTGGAAAGGGCAGCTGTCTCTAAC
TCCTGAGCAAGGATTCTGGCTTTAAGACTAAGGAACCAACTGATCTAAAGGCTCTGGATTTGCCTTCT
CCTTCTACAATGCTAAAACCATGACTCACATTTACACCTTCAGTAACACTTTCATGGAGAACTTTATCC
CTACTTCTGCCCTGCCTTAATGATGGTGGAGAGAATAAAGAACCATTGCACATCTTACATCCACAG

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ACAAGGATGACGACGATAAGGTTTAA



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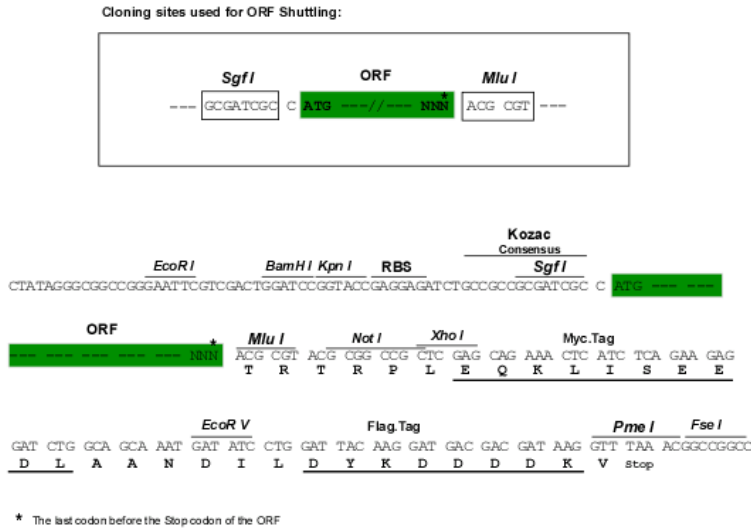
Protein Sequence: >RC237128 representing NM_001301145
Red=Cloning site Green=Tags(s)

MEFLKLHQFLHSKEKDILTELREEGKALNEEMELNLSQLQEQLLAKDMLDITLLHSLEQGMKVLATRE
 LISRKLNLGQYKGPIQYMWVREMQDTLCPGLSPLTLDPKTAHPNLVLSKSQTSVWHGDIKKIMPDDPERF
 DSSVAVLGSRGFTSGKWYWEVEVAKKTKWTVGVVRESIIRKGSCLPTPEQGFLLRLRNQTDLKALDLP
 FSLTLTNNLDKVGIYLDYEGQLSFYNAKTMTHIYTFSNTFMEKLYPYFCPLNDGGENKEPLHLHPQ

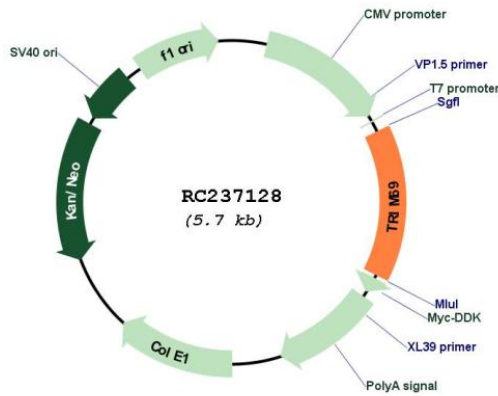
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001301145
ORF Size: 837 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_001301145.2
RefSeq Size:	1394 bp
RefSeq ORF:	840 bp
Locus ID:	140691
UniProt ID:	Q86WT6
Cytogenetics:	15q21.1
Protein Families:	Druggable Genome
MW:	32.5 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]