

Product datasheet for **RG237128**

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:	TurboGFP
Symbol:	RNF36
Synonyms:	HSD-34; HSD34; RNF36; Trif
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG237128 representing NM_001301145. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGAGTTTCTAAAGCTGCATCAGTTCCTGCACAGCAAAGAAAAGGACATTTAACTGAGCTCCGGGAA
GAGGGGAAAGCCTTGAATGAGGAGATGGAGTTGAATCTGAGCCAGCTTCAGGAGCAATGTCTCTTAGCC
AAGGATATGTTGGACATCACAACCTCTTACATAGCTTGGAGCAAGGAATGAAGGTGCTGGCAACCAGA
GAGCTTATTTCCAGAAAGCTGAACCTGGGCCAGTACAAAGGTCTATCCAGTACATGGTATGGAGGGAA
ATGCAGGACACTCTGCCCAGGCTGTCTCCACTAACTCTGGACCCTAAAACAGCTCACCCAAATCTG
GTGCTCTCCAAAAGCCAAACCAGCGTCTGGCATGGTGACATTAAGAAGATAATGCCTGATGATCCTGAG
AGGTTTGACTCAAGTGTGGCTGTACTGGGCTCAAGAGGCTTCACCTCTGGAAAGTGGTACTGGGAAGTA
GAAGTAGCAAAGAAGACAAAATGGACAGTTGGAGTTGTCAGAGAATCCATCATTCCGAAAGGGCAGCTGT
CCTCTAACTCCTGAGCAAGGATTCTGGCTTTTAAGACTAAGGAACCAAATGATCTAAAGGCTCTGGAT
TTGCCCTCTTTCAGTCTGACACTGACTAACAACCTCGACAAGGTGGGCATATACCTGGATTATGAAGGA
GGACAGTTGTCCTTCTACAATGCTAAAACCATGACTCACATTTACACCTTCAGTAACACTTTTCATGGAG
AACTTTATCCCTACTTCTGCCCTGCCTTAATGATGGTGGAGAGAATAAAGAACCATTGCACATCTTA
CATCCACAG
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
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Protein Sequence: >Peptide sequence encoded by RG237128
 Blue=ORF Red=Cloning site Green=Tag(s)

MEFLKLHQFLHSKEKDILTELREEGKALNEEMELNLSQLQEQLLAKDMLDITLLHSLEQGMKVLATR
 ELISRKLNLGQYKGIQYMWVREMQDTLCPGLSPLTDPKTAHPNLVLSKSQTSVWHGDIKKIMPDDPE
 RFDSSVAVLGSRGFTSGKWWVEVAKKTKWTVGVVRESIRKGCSPLTPEQGFLLRLRNQTDLKALD
 LPSFSLTLNNLDKVGIYLDYEGGQLSFYNAKTMTHIYTFNNTFMEKLYPYFCPLNDGGENKEPLHIL
 HPQ
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMKSTKGALTFSPYLLSHV
 MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
 SVIFTDKIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



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).

RefSeq: [NM_001301145.2](#)

RefSeq Size: 1394 bp

RefSeq ORF: 840 bp

Locus ID: 140691

UniProt ID: [Q86WT6](#)

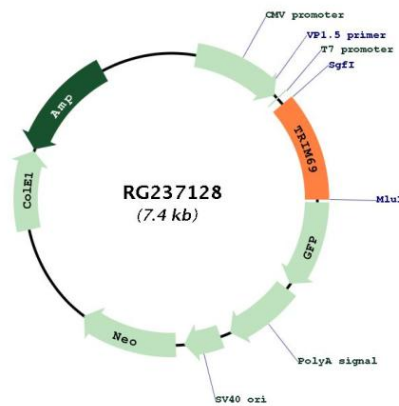
Cytogenetics: 15q21.1

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]

Product images:



Circular map for RG237128