

## Product datasheet for **SC335158**

### RNF36 (TRIM69) (NM\_001301144) Human Untagged Clone

#### Product data:

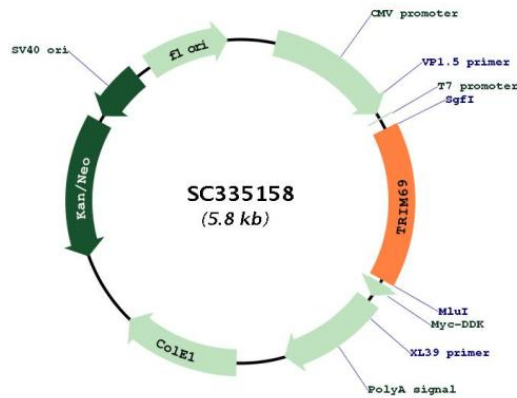
Product Type:	Expression Plasmids
Product Name:	RNF36 (TRIM69) (NM_001301144) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRIM69
Synonyms:	HSD-34; HSD34; RNF36; Trif
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC335158 representing NM_001301144. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGATCGCC
ATGGAGTTTCTAAAGCTGCATCAGTTTCTGCACAGCAAAGAAAAGGACATTTAACTGAGCTCCGGGAA
GAGGGGAAAGCCTTGAATGAGGAGATGGAGTTGAATCTGAGCCAGCTTCAGGAGCAATGTCTCTTAGCC
AAGGATATGTTGGTGAGCATTGAGGCAAGGAATGAAGGTGCTGGCAACCAGAGAGCTTATTTCCAGAAAG
ACAACCTCTTACATAGCTTGGAGCAAGGAATGAAGGTGCTGGCAACCAGAGAGCTTATTTCCAGAAAG
CTGAACCTGGGCCAGTACAAAGGTCCTATCCAGTACATGGTATGGAGGAAATGCAGGACACTCTCTGC
CCAGGCCTGTCTCCACTAACTCTGGACCCTAAAACAGCTCACCCAAATCTGGTGTCTCCAAAAGCCAA
ACCAGCGTCTGGCATGGTGACATTAAGAAGATAATGCCTGATGATCCTGAGAGGTTTGACTCAAGTGTG
GCTGTAAGTGGGCTCAAGAGGCTTACCTCTGAAAGTGGTACTGGGAAAGTAGAAGTAGCAAGAAGACA
AAATGGACAGTTGGAGTTGTGAGAGAAATCCATCATTCCGGAAGGGCAGCTGTCTCTAACTCCTGAGCAA
GGATTCTGGCTTTAAGACTAAGGAACCAACTGATCTAAAGGCTCTGGATTTGCCTTCTTTAGTCTG
ACACTGACTAACAACTCGACAAGGTGGGCATATACCTGGATTATGAAGGAGGACAGTTGTCTTCTAC
AATGCTAAAACCATGACTCACATTTACACCTTCAGTAACACTTTCATGGAGAACTTTATCCCTACTTC
TGCCCTGCCTTAATGATGGTGGAGAGAATAAAGAACCATTGCACATCTTACATCCACAGTAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
```

Restriction Sites: SgfI-MluI



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**Plasmid Map:**


**ACCN:** NM\_001301144

**Insert Size:** 891 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).

**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\\_001301144.1](#)

**RefSeq Size:** 1445 bp

**RefSeq ORF:** 891 bp

**Locus ID:** 140691

**UniProt ID:** [Q86WT6](#)

**Cytogenetics:** 15q21.1

**Protein Families:** Druggable Genome

**MW:** 34 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]

Transcript Variant: This variant (c) lacks an alternate exon and uses an alternate splice site, and it thus differs in its 5' UTR and initiates translation at a downstream in-frame start codon, compared to variant a. The encoded isoform (c, also known as TRIMLESS alpha) is shorter at the N-terminus, compared to isoform a.