

Product datasheet for **SC335022**

RNF36 (TRIM69) (NM_001301145) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RNF36 (TRIM69) (NM_001301145) 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:	>NCBI ORF sequence for NM_001301145, the custom clone sequence may differ by one or more nucleotides

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ATGGAGTTTCTAAAGCTGCATCAGTTCCTGCACAGCAAAGAAAAGGACATTTTAACTGAGCTCCGGGAAG
AGGGGAAAGCCTTGAATGAGGAGATGGAGTTGAATCTGAGCCAGCTTCAGGAGCAATGTCTCTTAGCCAA
GGATATGTTGGACATCACAACCTCTTACATAGCTTGGAGCAAGGAATGAAGGTGCTGGCAACCAGAGAG
CTTATTTCCAGAAAGCTGAACCTGGGCCAGTACAAAGTCTATCCAGTACATGGTATGGAGGAAATGC
AGGACACTCTCTGCCAGGCCTGTCTCCACTAACTCTGGACCCTAAAACAGCTCACCCAAATCTGGTGCT
CTCCAAAAGCCAAACCAGCGTCTGGCATGGTGACATTAAGAAGATAATGCCTGATGATCCTGAGAGGTTT
GACTCAAGTGTGGCTGTACTGGGCTCAAGAGGCTTCCCTCTGGAAAGTGGTACTGGGAAGTAGAAGTAG
CAAAGAAGACAAAATGGACAGTTGGAGTTGTGAGAGAATCCATCATTGGAAAGGGCAGCTGCCTCTAAC
TCCTGAGCAAGGATTCTGGCTTTAAGACTAAGGAACCAAACCTGATCTAAAGGCTCTGGATTTGCCCTTCT
TTCAGTCTGACTGACTAACAACCTCGACAAGGTGGGCATATACCTGGATTATGAAGGAGGACAGTTGT
CCTTCTACAATGCTAAAACCATGACTCACATTTACACCTTCAGTAACACTTTTCATGGAGAAACTTTATCC
CTACTTCTGCCCTGCCTTAATGATGGTGGAGAGAATAAAGAACCATTGCACATCTTACATCCACAGTAA
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_001301145
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).



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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:	<u>NM_001301145.1, NP_001288074.1</u>
RefSeq Size:	1394 bp
RefSeq ORF:	840 bp
Locus ID:	140691
UniProt ID:	<u>Q86WT6</u>
Cytogenetics:	15q21.1
Protein Families:	Druggable Genome
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (d) lacks an alternate exon and uses two alternate splice sites, and it thus differs in its 5' UTR, initiates translation at a downstream in-frame start codon, and lacks an in-frame segment in the central coding region, compared to variant a. The encoded isoform (d, also known as TRIMLESS beta) is shorter at the N-terminus, compared to isoform a.</p>