

Product datasheet for **SC110796**

RNF36 (TRIM69) (NM_080745) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: RNF36 (TRIM69) (NM_080745) Human Untagged Clone
Tag: Tag Free
Symbol: TRIM69
Synonyms: HSD-34; HSD34; RNF36; Trif
Vector: pCMV6-XL5
E. coli Selection: Ampicillin (100 ug/mL)
Cell Selection: None
Fully Sequenced ORF: >OriGene sequence for NM_080745 edited

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GAATTCGGCACGAGGAACTGTTCAAGTAAACCAGATGGGAACTGATCTGCTTTCAATGC
AAGGATGCTCGGTTGTCTGTGGGCAGTCTAAGGAGTTCCTGCAAATCTCTGATGCTGTC
CATTCTTTCATGGAGGAGCTTGCCATCCAACAGGGTCAACTGGAGACAACTCTGAAGGAG
CTTCAGACCCTGAGGAACATGCAGAAGGAAGCTATTGCTGCTCACAAGGAAAAACAAGCTA
CATCTGCAGCAACATGTGCCATGGAGTTTCTAAAGCTGCATCAGTTCCTGCACAGCAAA
GAAAAGGACATTTAACTGAGCTCCGGGAAGAGGGGAAAGCCTTGAATGAGGAGATGGAG
TTGAATCTGAGCCAGCTTCAGGAGCAATGTCTCTTAGCCAAGGATATGTTGGTGAGCATT
CAGGCAAAGACGGAACAACAGAACTCCTTCGACTTTCTCAAAGACATCACAACCTCTTTA
CATAGCTTGGAGCAAGGAATGAAGGTGCTGGCAACCAGAGAGCTTATTTCCAGAAAGCTG
AACCTGGGCCAGTACAAAGGTCCTATCCAGTACATGGTATGGAGGGAAATGCAGGACACT
CTCTGCCCAGGCCTGTCTCCACTAACTCTGGACCCTAAAACAGCTCACCCAAATCTGGTG
CTCTCCAAAAGCCAAACCAGCGTCTGGCATGGTGACATTAAGAAGATAATGCCTGATGAT
CCTGAGAGGTTTACTCAAGTGTGGCTGTACTGGGCTCAAGAGGCTTACCTCTGGAAAG
TGGTACTGGGAAGTAGAAGTAGCAAAGAAGACAAAATGGACAGTTGGAGTTGTCAGAGAA
TCCATCATTCCGAAGGGCAGCTGTCTCTAACTCCTGAGCAAGGATTCTGGCTTTAAGA
CTAAGGAACCAAACCTGATCTAAAGGCTCTGGATTGCTTTCTTTTCAGTCTGACACTGAT
AACAACTCGACAAGGTGGGCATATACCTGGATTATGAAGGAGGACAGTTGTCCTTCTAC
AATGCTAAAACCATGACTCACATTTACACCTTCAGTAACACTTTTCATGGAGAAACTTTAT
CCCTACTTCTGCCCTGCCTTAATGATGGTGGAGAGAATAAAGAACCATTGCACATCTTA
CATCCACAGTAATGAGTCATAATATTATACAAATTCAGAGXXXXXXXXXXXXXXXXXXXX
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAACTCGAC
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_080745 unedited GACTCACTATAGGCGGCCCGCAATTCGCACGAGGAACTGTTTCAGTAAACCAGATGGGA AACTGATCTGCTTTCAATGCAAGGATGCTCGGTTGTCTGTGGGGCAGTCTAAGGATTCC TGCAAATCTCTGATGCTGTCCATTTCTTCATGGAGGAGCTTGCCATCCAACAGGGTCAAC TGGAGACAACCTCTGAAGGAGCTTCAGACCCTGAGGAACATGCAGAAGGAAGCTATTGCTG CTCACAAGGAAAAACAAGCTACATCTGCAGCAACATGTGTCCATGGAGTTTCTAAAGCTGC ATCAGTTCTGCACAGCAAAGAAAAGGACATTTTAACTGAGCTCCGGGAAGAGGGGAAAG CCTTGAATGAGGAGATGGAGTTGAATCTGAGCCAGCTTCAGGAGCAATGTCTTTAGCCA AGGATATGTTGGTGAGCATTAGCAAGACGGAACAACAGAAGCTCCTTCGACTTTCTCA AAGACATCACAACCTCTTTACATAGCTTGGAGCAAGGAATGAAGGTGCTGGCAACCAGAG AGCTTATTTCCAGAAAGCTGAACCTGNGCCAGTACAAAGGTCCTATCCAGTACATGGTAT GGAGGGAAATGCAGGACACTCTCTGCCAGGCCTGTCTCCACTAACTCTGGACCCTANAC AGCTCACCCAAATCTGGTGTCTCCAAAAGCCAAACCAGCGTCTGGCATGGTGACATTAA GAAGATAATGCCTGATGATCCTGAGAGGTTTGACTCAAGTGTGGCTGACTGGGCTCAAG AGCTTCACCTCTGGAAAGTGGTACTGGGAGTANAAGTAGCANAGAGACANATGGACAGNT GGAGTTGTCAGAAATCCATCATTTTCAGGGCAGCTGTCCTCTAACTCTGAGCAGGATNCT GGCTTTAGACTAAGNACCAACTGATCTAAGCTTGATTGCCTCTTCANCTGACTGACACA CCN
Restriction Sites:	ECoRI-NOT
ACCN:	NM_080745
Insert Size:	1400 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:	<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_080745.2 , NP_542783.2
RefSeq Size:	1291 bp
RefSeq ORF:	1026 bp
Locus ID:	140691
UniProt ID:	Q86WT6
Cytogenetics:	15q21.1
Domains:	SPRY, PRY

Protein Families: Druggable Genome

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 (b) lacks an alternate in-frame exon in the 5' coding region, compared to variant a, resulting in an isoform (b) that is shorter than isoform a.