

Product datasheet for **SC323841**

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: RNF36
Synonyms: HSD-34; HSD34; RNF36; Trif
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_080745.3
 GAACCTTTCTTTCTCCATCATGCTCTGAGCCATTCTTGAACAACTAAAAGGTCCTCGA
 ATCCAGTCTGCAGCCATCCTGGGCTGCTGAGCTCTGATTCAAGTGCCTGCCTCTGCC
 CTTGGTGGGCTGAAGCTTCATGGAGGAGGAGCTTGCCATCCAACAGGGTCAACTGGAGAC
 AACTCTGAAGGAGCTTCAGACCCTGAGGAACATGCAGAAGGAAGCTATTGCTGCTCACA
 AAAAAACAAGCTACATCTGCAGCAACATGTGTCCATGGAGTTTCTAAAGCTGCATCAGTT
 CCTGCACAGCAAAAGAAAAGGACATTTTAACTGAGCTCCGGGAAGAGGGGAAAGCCTTGA
 TGAGGAGATGGAGTTGAATCTGAGCCAGCTTCAGGAGCAATGTCTCTTAGCCAAGGATAT
 GTTGGTGAGCATTAGGCAAGACGGAACAACAGAACTCCTTCGACTTTCTCAAAGACAT
 CACAACCTCTTACATAGCTTGGAGCAAGGAATGAAGGTGCTGGCAACCAGAGAGCTTAT
 TTCCAGAAAGCTGAACCTGGGCCAGTACAAAGGTCTATCCAGTACATGGTATGGAGGGA
 AATGCAGGACACTCTCTGCCAGGCTGTCTCCACTAACTCTGGACCCTAAAACAGCTCA
 CCCAAATCTGGTCTCTCCAAAAGCCAAACCAGCGTCTGGCATGGTGACATTAAGAAGAT
 AATGCCTGATGATCCTGAGAGGTTTGACTCAAGTGTGGCTGACTGGGCTCAAGAGGCTT
 CACCTCTGGAAAGTGGTACTGGGAAGTAGAAGTAGCAAAGAACAAAATGGACAGTTGG
 AGTTGTCAGAGAAATCCATCATTCCGAAGGGCAGCTGTCTCTAACTCCTGAGCAAGGATT
 CTGGCTTTTAAGACTAAGGAACCAAACTGATCTAAAGGCTCTGGATTTGCCTTCTTTAG
 TCTGACACTGACTAACAACCTCGACAAGGTGGGCATATACCTGGATTATGAAGGAGGACA
 GTTGTCTTCTACAATGCTAAAACCATGACTCACATTTACACCTTCAGTAACACTTTCAT
 GGAGAAAATTTATCCCTACTTCTGCCCTGCCTTAATGATGGTGGAGAGAATAAAGAACC
 ATTGCACATCTTACATCCACAGTAATGAGTCATAATATTATACAATTCAGAGTGTTATT
 AAAGAGGTTTTGAAATATAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: ECoRI-NOT
ACCN: NM_080745



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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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_080745.3](#), [NP_542783.2](#)

RefSeq Size: 1434 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.