

## Product datasheet for **SC306707**

### **RNF23 (TRIM39) (NM\_172016) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	RNF23 (TRIM39) (NM_172016) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRIM39
Synonyms:	RNF23; TFP; TRIM39B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >SC306707 representing NM\_172016.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGCAGAGACAAGTCTGTTAGAGGCTGGGCCTCTGCAGCCTCTACAGCTGCGGCTTTGGAGAACTTA
CAGGTGGAGCGAGCTGCTCTGTGTGCCTGGAGTATCTGAAGAACCTGTCATCATTGAGTGTGGGCAC
AACTTCTGCAAAGCTTGCAATCACCCGCTGGTGGGAGACCTAGAGAGGGACTTCCCTTGTCTGTCTGT
CGAAAGACATCCCCTACCGCAGTCTCCGACCTAATCGGCAACTAGGCAGTATGGTGAAATTTGCCAAG
CAGCTCCAGGCCGTCAAGCGGAAGATCCGGGATGAGAGCCTCTGCCCCCAACACCATGAGGCCCTCAGC
CTTTTCTGTTATGAGGACCAGGAGGCTGTATGCTTGATATGTGCAATTTCCACACCCACCGGGCCAC
ACCGTTGTGCCACTGGACGATGTACACAGGAGTACAAGGAAAACTGCAGAAGTGTCTGGAGCCCTG
GAACAGAAGCTGCAGGAGATCACTCGTCAAGTCTCTGAGGAGAAGAAGCCTGGTGTGAGCTCAAGAGA
CTAGTGGAAAGTCCCGACAGCAGATCTTGAGGGAGTTTGAAGAGCTTCATAGGCGGCTGGATGAAGAG
CAGCAGGTGTTGCTTTCACGACTGGAAGAAGAGGAACAGGACATTCTGCAGCGACTCCGAGAAAATGCT
GCTCACCTTGGGACAAGCGCCGGGACCTGGCCCACTTGCTGCCGAGGTGGAGGCAAGTCTTACAG
TCAGGCTTCGAGATGCTAAGGATGTCAAAGTACCCTGGAAAAATGTGAAAAGGTGAAGACCATGGAG
GTGACTTCAGTATCCATAGAGCTGGAAAAGAACTTCAGCAATTTTCCCGACAGTACTTTGCCCTAAGG
AAAATCCTTAAACAGCTAATTGCCGATGTGACCCTGGACCCTGAGACAGCTCATCCTAACCTAGTCCTG
TCAGAGGATCGTAAGAGCGTCAAGTTCGTGGAGACAAGACTCCGGGATCTCCCTGACACACCAAGGCGT
TTCACCTTCTACCTTGGCTCCTGGCTACTGAGGGTTTACCTCAGGTCGACACTACTGGGAGGTGGAG
GTGGGCGACAAGACCCACTGGGCAGTGGGTGTATGCCGGGACTCCGTGAGCCGAAAGGGCGAGTTGACT
CCACTCCCTGAGACTGGCTACTGGCGGGTGGGCTATGGAATGGGGACAAATATGCAGCCACCACCACA
CCTTTTACCCCTTTCACATCAAGGTGAAACCCAAGCGGTAGGCATATTCTAGACTATGAGGCCGGC
ACACTGTCTTTTACAATGTACAGACCCTCTCATATCTACACCTTCACTGATACTTTTACTGAGAAA
CTTTGGCCCTCTTACCCAGGCATCCGGGCTGGACGGAAGAATGCTGCACCACTTACCATCAGGCC
CCAACAGATTGGGAGTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
```

- Restriction Sites:** SgfI-MluI
- Plasmid Map:** □
- ACCN:** NM\_172016
- Insert Size:** 1467 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).
- 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\\_172016.2](#)

**RefSeq Size:** 3578 bp

**RefSeq ORF:** 1467 bp

**Locus ID:** 56658

**UniProt ID:** [Q9HCM9](#)

**Cytogenetics:** 6p22.1

**Protein Families:** Druggable Genome

**MW:** 56.4 kDa

**Gene Summary:** The protein encoded by this gene is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. The function of this protein has not been identified. This gene lies within the major histocompatibility complex class I region on chromosome 6. Alternate splicing results in two transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]  
Transcript Variant: This variant (2) lacks an in-frame exon in the coding region, resulting in an isoform (2) that is shorter than isoform 1.