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Product datasheet for SC108291

RNF167 (NM_015528) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RNF167 (NM_015528) Human Untagged Clone
Tag:	Tag Free
Symbol:	RNF167
Synonyms:	5730408C10Rik; LP2254; RING105
Mammalian Cell Selection:	None
Vector:	pCMV6-XL4
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF:

>OriGene ORF within SC108291 sequence for NM_015528 edited (data generated by NextGen Sequencing)

ATGCACCCTGCAGCCTTCCCGCTTCCTGTGGTTGTGGCCGCTGTGCTGTGGGGAGCGGCC
CCGACCCGGGGGCTCATTCGAGCGACCTCGGACCACAATGCCAGCATGGACTTTGCAGAC
CTTCCAGCTCTGTTTGGGGCTACCTTGAGCCAGGAGGGCCTCCAGGGGTTCCTTGTGGAG
GCTCACCCAGACAATGCCTGCAGCCCCATTGCCCCACCACCCCCAGCCCCGGTCAATGGG
TCAGTCTTTATTGCGCTGCTTCGAAGATTCGACTGCAACTTTGACCTCAAGGTCCTAAAT
GCCCAGAAGGCTGGATATGGTGCCGCTGTAGTACACAATGTGAATTCCAATGAACTTCTG
AACATGGTGTGGAATAGTGAGGAAATCCAGCAGCAGATCTGGATCCCGTCTGTATTTATT
GGGGAGAGAAGCTCCGAGTACCTGCGTGCCCTCTTTGTCTACGAGAAGGGGGCTCGGGTG
CTTCTGGTTCCAGACAATACCTTCCCCTTGGGCTATTACCTCATCCCTTTCACAGGGATT
GTGGGACTGCTGGTTTTGGCCATGGGAGCAGTAATGATAGCTCGTTGTATCCAGCACCGG
AAACGGCTCCAGCGGAATCGACTTACCAAAGAGCAACTGAAACAGATTCCTACACATGAC
TATCAGAAGGGAGACCAGTATGATGTCTGTGCCATTTGCCTGGATGAATATGAGGATGGG
GACAAGCTGCGGGTACTCCCCTGTGCTCATGCCTACCACAGCCGCTGCGTGGACCCCTGG
CTCACTCAGACCCGGAAGACCTGCCCCATTTGCAAGCAGCCTGTTCATCGGGGTCCTGGG
GACGAAGACCAAGAGGAAGAAACTCAAGGGCAAGAGGAGGGTGATGAAGGGGAGCCAAGG
GACCACCCTGCCTCAGAAAGGACCCCACTTTTGGGTTCTAGCCCCACTCTTCCCACCTCC
TTTGGTTCCTTAGCCCCAGCTCCCCTTGTTTTTCCTGGGCCTTCAACAGATCCCCCACTG
TCCCCTCCCTCTTCCCCTGTTATCCTGGTCTAA

Clone variation with respect to NM_015528.1

View online »

5' Read Nucleotide Sequence:

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>OriGene 5' read for NM_015528 unedited
TGTTTTGTAACCGAATTCTATGGGCGTCCGCGCATTCGGCACCAGTGGAAGCGTGCTTTA
GGGGCGTAACTGATTTGGAAACCAGAGGAAAGGCGCTGTTTTCACCGAATTAGAATCGCG
GGAAAATAGAGAAGAGTTTGTTTGAAGGTCTCGCGAGATCGAGTGAGTACGGCTCGCCAA
GTTGGAGCGCTCTCGCGATAGACACAGCAACTATTCAGCTGCGAGGGGACGGGAGAGGTG
GTGAGCACTCTCGCGAGATTTGAAGGAGCGGCGGAGGCCAGAGGGAGGAGAGGACGCGCG
GCCTCCTCAGCCTCTTTCCTCCCGCTGCCATGCACCCTGCAGCCTTCCCGCTTCCTGTGG
TTGTGGCCGCTGTGCTGTGGGGAGCGGCCCCGACCCGGGGGCTCATTCGAGCGACCTCGG
ACCACAATGCCAGCATGGACTTTGCAGACCTTCCAGCTCTGTTTGGGGCTACCTTGAGCC
AGGAGGGCCTCCAGGGGTTCCTTGTGGAGGCTCACCCAGACAATGCCTGCAGCCCCATTG
CCCCACCACCCCCAGCCCCGGTCAATGGGTCAGTCTTTATTGCGCTGCTTCGAAGATTCG
ACTGCAACTTTGACCTCAAGGTCCTAAATGCCCAGAAGGCTGGATATGGTGCCGCTGTAG
TACACAATGTGAATTCCAATGAACTTCCTGACATGGTGTGGGATAGTGAGGAAATCCAGC
AGCAGATCTGGATCCCGTNTGTATTTATTGGNGAGAGGAGCTCCGAGTACCTGCGTGCCC
TCCTTGTTTACCNAGAGGGGGCTCGGGTGGCTTNTGGTTCCAGAAATACCTTCCCCTTGG
GCTATTACCTCTCCCTTCCCCAAGGATGTCGGACTGCTGGTTTTGCCCTGGGAGCACAAT
GATAGTTGTTGAATCCACCCCCGAAACGCTCACCCGAATTGCCTACCAAGAGCACTGGAC
AGATCCTCCT
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Restriction Sites: NotI-NotI

ACCN: NM_015528

Insert Size: 1650 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_015528.1, NP_056343.1

RefSeq Size: 1723 bp

RefSeq ORF: 1053 bp

Locus ID: 26001

UniProt ID: Q9H6Y7

Cytogenetics: 17p13.2

Domains: RING, PA

Protein Families: Druggable Genome, Transmembrane

Gene Summary: RNF167 is an E3 ubiquitin ligase that interacts with TSSC5 (SLC22A18; MIM 602631) and, together with UBCH6 (UBE2E1; MIM 602916), facilitates TSSC5 polyubiquitylation (Yamada and Gorbsky, 2006 [PubMed 16314844]).[supplied by OMIM, Mar 2008]
Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (a). Variants 1, 2, 3, 4, 5, 6, and 7 all encode the same isoform (a).