

Product datasheet for **SC320394**

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:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_015528.1

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>OriGene sequence for NM_015528.1
CTCATTCTTTGAGTTGGTGTTCCTTCCCCGGCGCCCCCATGTAGCTGGGAAGTGGGACCT
GGGGGTGGTTGGACCCCTGGGATCCTAAAGGAGGGGCAGGAGGGCGCAGAACTCCGCTT
CTGCTCCTTGCTACCAGGACGCGCGGCTCCTCAGCCTCTTTCCTCCCGCTGCCATGCAC
CCTGCAGCCTTCCCGCTTCTGTGGTTGTGGCCGCTGTGCTGTGGGAGCGGCCCGACC
CGGGGGCTCATTGAGCGACCTCGGACCACAATGCCAGCATGGACTTTGCAGACCTTCCA
GCTCTGTTTGGGGCTACCTTGAGCCAGGAGGGCTCCAGGGTTCCTTGTGGAGGCTCAC
CCAGACAATGCCTGCAGCCCCATTGCCCAACACCCCAAGCCCGGTCAATGGGTGAGTC
TTTATTGCGTGTCTCGAAGATTCGACTGCAACTTTGACCTCAAGGTCTAAATGCCAG
AAGGCTGGATATGGTGCCGCTGTAGTACACAATGTGAATCCAATGAACCTCTGAACATG
GTGTGGAATAGTGAGGAAATCCAGCAGCAGATCTGGATCCCGTCTGTATTTATTGGGGAG
AGAAGCTCCGAGTACCTGCGTGCCCTCTTGTCTACGAGAAGGGGGCTCGGGTGCTTCTG
GTTCCAGACAATACCTTCCCCCTTGGGCTATTACCTCATCCCTTTCACAGGGATTGTGGGA
CTGCTGGTTTTGGCCATGGGAGCAGTAATGATAGCTCGTTGTATCCAGCACCGGAAACGG
CTCCAGCGGAATCGACTTACCAAGAGCAACTGAAACAGATTCTACACATGACTATCAG
AAGGGAGACCAGTATGATGTCTGTGCCATTTGCCTGGATGAATATGAGGATGGGGACAAG
CTGCGGGTACTCCCCTGTGCTCATGCCTACCACAGCCGCTGCGTGGACCCCTGGCTCACT
CAGACCCGGAAGACCTGCCCCATTGCAAGCAGCCTGTTTCATCGGGTCTTGGGGACGAA
GACCAAGAGGAAGAACTCAAGGGCAAGAGGAGGTGATGAAGGGGAGCCAAGGGACCAC
CCTGCCTCAGAAAGGACCCACTTTTGGGTTCTAGCCCCACTCTTCCACCTCCTTTGGT
TCCTTAGCCCCAGCTCCCCTTGTTCCTGGGCTTCAACAGATCCCCCACTGTCCCCT
CCCTCTTCCCCTGTTATCCTGGTCTAATAACCCCCACACATACACCTCTGGTGACCTAT
TTGCACAGACCGTCTCTTCCCTCCAGTCTTCTGAGGGATAGGGGACATTCCATCCCAAG
CTTCTCCCTTACCCACACCTATCCTTTTGGGGGCTTTGGGGTGGGGCTGGGGCAAGCAG
AGGGACTGGGTCTTCACTTCTTGGGCTAATAAAATTGTTTCTTTGTGGACTAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAA
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Restriction Sites:	Please inquire
ACCN:	NM_015528
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:	<u>NM_015528.1</u> , <u>NP_056343.1</u>
RefSeq Size:	1723 bp
RefSeq ORF:	1053 bp
Locus ID:	26001
UniProt ID:	<u>Q9H6Y7</u>
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 UBE2E1 (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).