

Product datasheet for SC310601

RNF182 (NM_152737) Human Untagged Clone

Product data:

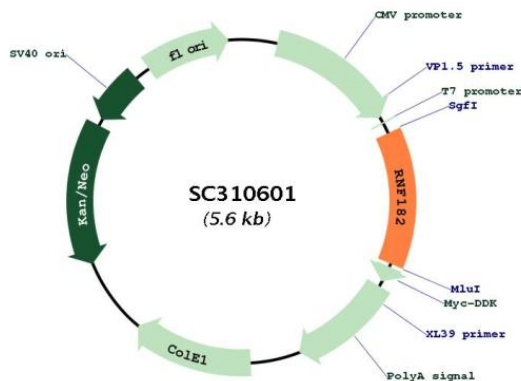
Product Type:	Expression Plasmids
Product Name:	RNF182 (NM_152737) Human Untagged Clone
Tag:	Tag Free
Symbol:	RNF182
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC310601 representing NM_152737. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCCAGTCAACCTCCTGAAGACACTGCGGAGTCTCAGGCCTCTGATGAGCTGGAGTGCAAAATCTGT
TACAATCGATAACAATCTGAAACAGAGGAAACCCAAAGTCTGGAGTGTTGTCATAGGGTTTGTGCCAAA
TGCCTCTACAAGATCATAGACTTTGGGGACTCCCAACAAGGTGTCATTGTCTGTCCTTTCTGCAGTTT
GAGACGTGCCTGCCAGATGATGAAGTTAGTAGCCTGCCGATGACAACAACATCCTTGTAACCTTGACT
TGTGGAGGCAAAGGGAAGAAGTGCCTGCCAGAGAACCCTACTGAGCTGCTGCTCACCCCAAGAGGCTG
GCCTCTCTGGTCAGTCTTCTCACAGTCCCTCCAAGTGCCTGGTCATAACCATCATGGAGGTGCAGAGA
GAGAGTCCCGTCCCTGAGTCCACTCCTGTGGTAGAATTTTATAGCCCTGCGAGTTTCGACTCTGTC
ACCACTGTGTCACACAACCTGGACTGTGTGGAACCTGCACGTCCCTGCTGTTTCAGACATCCATCCGGGTG
TTAGTGTGGTTGCTAGGTTTGTCTACTTCAGCTCCTTACCCTTAGGAATCTACTTACTGGTGTCTAAG
AAAGTCACCCCTGGGGTCTGTTTGTGACGCTGGTCCCTTCGAGCCTCGTTATTCTTATGGTGTATGGT
TTTTGCCAGTGTGTTTGCATGAATTTCTAGACTGTATGGCACCTCCTTCTTAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI



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Plasmid Map:


ACCN: NM_152737

Insert Size: 744 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_152737.3
RefSeq Size:	3422 bp
RefSeq ORF:	744 bp
Locus ID:	221687
UniProt ID:	Q8N6D2
Cytogenetics:	6p23
Domains:	RING
Protein Families:	Druggable Genome, Transmembrane
MW:	27.4 kDa
Gene Summary:	E3 ubiquitin-protein ligase that mediates the ubiquitination of ATP6V0C and targets it to degradation via the ubiquitin-proteasome pathway.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1-4 encode the same protein.