

Product datasheet for **SC328297**

RNF4 (NM_001185009) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RNF4 (NM_001185009) Human Untagged Clone
Tag:	Tag Free
Symbol:	RNF4
Synonyms:	RES4-26; SLX5; SNURF
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC328297 representing NM_001185009. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGAGTACAAGAAAGCGTCGTGGTGGAGCAATAAATTCTAGACAAGCTCAGAAGCGAACTCGGGAAGCA
ACCTCCACCCCGAGATCTCCTTGAAGCAGAACCATAGAAGCTCGTGGAACTGCTGGAGATGAAATT
GTGGACCTCACTTGTGAATCTTTAGAGCCTGTGGTGGTTGATCTGACTCACAAATGACTCTGTTGTGATT
GTTGACGAAAGAAGAAGACCAAGGAGGAATGCTAGGAGGCTGCCAGGACCATGCTGACAGCTGTGTG
GTGAGCAGTGACGATGAGGAGTTGTCCAGGACAGAGACGTATATGTGACTACCCATACTCCAGAAAC
GCCAGGGATGAGGGCGCTACAGGCCTCAGGCCCTCAGGTACTGTCAGTTGCCATCTGCATGGACGGA
TACTCAGAGATCGTGCAGAAATGGACGTCTCATCGTTCCACAGAAATGCGGCCATGTCTTCTGTAGCCAG
TGCCTCCGTGATCCCTGAAGAATGCTAATACTTGCCCAACTGTAGGAAAAAGATCAACCACAAACGG
TACCACCCATTATATATGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_001185009
Insert Size:	573 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).



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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:	<ol style="list-style-type: none">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_001185009.1
RefSeq Size:	3493 bp
RefSeq ORF:	573 bp
Locus ID:	6047
UniProt ID:	P78317
Cytogenetics:	4p16.3
Protein Families:	Transcription Factors
MW:	21.3 kDa
Gene Summary:	<p>The protein encoded by this gene contains a RING finger motif and acts as a transcription regulator. This protein has been shown to interact with, and inhibit the activity of, TRPS1, a transcription suppressor of GATA-mediated transcription. Transcription repressor ZNF278/PATZ is found to interact with this protein, and thus reduce the enhancement of androgen receptor-dependent transcription mediated by this protein. Studies of the mouse and rat counterparts suggested a role of this protein in spermatogenesis. A pseudogene of this gene is found on chromosome 1.[provided by RefSeq, Jul 2010]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (1). Both variants 1 and 2 encode the same isoform (2).</p>