

Product datasheet for **SC127416**

RNF6 (NM_183044) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RNF6 (NM_183044) Human Untagged Clone
Tag:	Tag Free
Symbol:	RNF6
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene ORF within SC127416 sequence for NM_183044 edited (data generated by NextGen Sequencing)

```
ATGAATCAGTCTAGATCGAGATCAGATGGTGGCAGTGAAGAAACCTTACCTCAAGACCAT
AATCATCATGAAAATGAGAGAAGATGGCAGCAAGAGCGTCTCCACAGAGAAGAGGCCTAT
TATCAGTTTATTAATGAACTCAATGATGAAGATTATCGGCTTATGAGAGACCATAATCTT
TTAGGCACCCCTGGAGAAAATAACATCAGAAGAACTGCAACAGCGGTTAGATGGCGTCAAG
GAACAACCTAGCATCTCAGCCTGACTTGAGAGATGGAACGAATTACAGAGACTCAGAAGTC
CCTAGAGAAAAGTTACATGAAGATTCTTCTTAGAATGGTTGAACACCTTTCGGCGCACA
GGAAATGCAACTCGAAGTGGACAAAATGGGAACCAAACCTTGGAGAGCTGTGAGTCGAACA
AACCCGAACAATGGAGAGTTTCGGTTTGTGTTGGAAATCCACGTAATCATGAAAATAGA
GGATTTGAAATTCATGGAGAAGATTATACAGACATTCCACTTTCAGATAGTAACAGAGAT
CATACTGCAAATAGGCAACAAAGGTCAACTAGTCTGTGGCTAGGCGAACAAGAAGCCAA
ACCTCAGTGAATTTCAATGGTAGTAGTTC AACATTCCAAGGACTAGGCTTGCTTCAAGG
GGGCAAAATCCAGCTGAAGGATCTTCTCAACATTGGGAAGGTTAAGAAATGGAATTGGG
GGAGCAGCTGGCATTCTCGAGCTAACGCTTACGCACTAATTTAGTAGTCACACAAC
CAATCAGGTGGTAGTGAACCTCAGGCAAAGGGAGGGCAACGGTTTGGAGCAGCAGATGTT
TGGGAAAATGGGGCTAGAAGTAATGTTACAGTGAGGAATACAAACCAAAGATTAGAGCCA
ATAAGATTACGATCTACTTCCAATAGTCGAAGCCGTTACCAATTCAGAGACAGAGTGGC
ACTGTTTATCATAATTCCAAAGGGAAAGTAGACCAGTACAGCAAACCTAGAAAGATCT
GTTAGGAGGAGAGGTAGAAGTTCGAGTCTTTTTAGAGCAAGATAGAGAACGAGAACGCAGA
GGTACTGCATATACCCATTCTCTAATTC AAGGCTTGTGTCAAGAATAACAGTAGAAGAA
GGAGAAGAATCCAGCAGATCCTCAACTGCTGTACGACGACATCCAACAATCACACTGGAC
CTTCAAGTGAGAAGGATCCGTCCTGGAGAAAATAGAGATCGGGATAGTATTGCAAATAGA
ACTCGATCCAGAGTAGGGCTAGCAGAAAATACAGTCACTATTGAAAGCAATAGTGGGGC
TTTCGCCGAACCATTTCTCGTTTAGAGCGGT CAGGTATTGCAACCTATGTTAGTACCATA
ACAGTTCCTCTTCGTAGGATTTCTGAGAATGAGCTTGTGAGCCATCATCAGTGGCTCTT
CGGTCAATTTTAAGGCAGATCATGACTGGGTTTGGAGAACTGAGTTCTCTAATGGAGGCC
GATTCTGAGTCAGAACTTCAAAGAAATGGCCAGCATTTACCAGACATGCACTCAGAACTG
AGTAACTTAGGTACAGATAACAACAGGAGCCAGCACAGGGAAGGTTCTCTCAAGACAGG
CAGGCCAAAGGAGACAGCACTGAAATGCATGGTAAAACGAGACCACCCAGCCTCATACT
CGAAACAGTGACAGTAGGGGTGGCAGGCAGTTGCGAAAATCCAAACAATTTAGTTGAACT
GGAACACTACCCATTCTTCGCCTTGCTCACTTTTTTTACTAAATGAAAGTGATGATGAT
GATCGAATACGTGGTTTAAACAAAGAGCAGATTGACAATCTTCCACCAGGCACTATGAG
CATAACAGTATTGATAGTGAAGTAAATCTGTAGTGTGTTGATTAGTGACTATGTA
ACTGGAACAAGCTCAGGCAATTACCTTGATGCATGAATTTACATTTCATTGTATTGAC
CGATGGCTCTCAGAGAATTGCATTGTCCGATCTGTCCGACGCTGTTTTAGGGTCTAAC
ATAGCAACAATGGGTAA
```

Clone variation with respect to NM_183044.2

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_183044 unedited GCCGCGAATTCGGCACCAGGGTCAGCTCTCAAAAAAGGCACAAACAATTGAAGGATGGAT ACCATGGCATATGTTAAAAGCGTGTGAAAGGAAAAATAAGAAAGCCAGGAATCTCAGGAT GAATCAGTCTAGATCGAGATCAGATGGTGGCAGTGAAGAAACCTTACCTCAAGACCATAA TCATCATGAAAATGAGAGAAGATGGCAGCAAGAGCGTCTCCACAGAGAAGAGGCCATTATTA TCAGTTTATTAATGAACTCAATGATGAAGATTATCGGCTTATGAGAGACCATAATCTTTT AGGCACCCTGGAGAAAATACATCAGAAGAACTGCAACAGCGGTTAGATGGCGTCAAGGA ACAACTAGCATCTCAGCCTGACTTGAGAGATGGAACGAATTACAGAGACTCAGAAGTCCC TAGAGAAAAGTTACATGAAGATTCTTCTAGAATGGTTGAACACCTTTTCGGCGCACAGG AAATGCAACTCGAAGTGGACAAAATGGGAACCAAACCTTGAGAGCTGGGAGTCCGACAAA CCCGACAAATGGAGAGTTTCGGTTTAGTTTGAAAATCCACGTAATATGAAATAGAGGATTT GAAATCATGGAGAAGATATACAGACATTTCACTTTCAATAGTACAGAGATCATACTGCAA ATAGGAACAAGGTCAACTATTCCTGGGGCTGGCGACAAAAGCCAACCTCAGG</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_183044 unedited ACTATGGACCGCGCACGCAATCTAGTATCGAGTTTTTTTTTTTTTTTTTTTTTTTTTACA GTCTTTGTTTTAATGTTTATTGGTAGAAAAACAGATCTTCAATGCATACTTTGTGTTTATA TAAACTTACATTCTCTTAAAGGTTTTCGTTTTGTTTTCACTGGAGATTTTTAGCCTCCA AGTGAACCTAACATATTGCCTATGCATCTGATTCTTTATAGACTTTTAGATTTTAAAGCT AAATTTGAGAAACCATGCATACTGTATACCTTATTTAATAATCCAAGAATTGTTTGCAC TTTCAAAAAGTTACAAAAGGCTGAACACAAGTTAAATAACCTATATGATGTAATTTT CCATTTCTGAATACTTTTTTCAGTATTATATATTGCTTGCTGTCTAATAAGTTAGATTGTC AGAGACGCTTCAGTAAATTATCTCTACTTTAAATTTATATCTGAATCCCCTTTCTCTGAG ATGAACTTGCCAATATTAACATTGTGCCATATGCAAGTATTAGCCCAAAAAGCTTAAATAA GAACCAAACCTGTAGACTGAATATTTAACCTTAAATTTATATACCTATATATACACCTA TGGTATGCTGCATATTAATTTAACATTTCAAGTAACATATATATAGCAAACATTCAGCC AAATACTCTTTCATGAAAAGATACTGCCCTTAAATAAAAAGTTAATGAAAAGCTTATTT AGACACAAATGTCTAGATATAAGTACTAAGCCTATGAACTTGAAGCTAAAGTCCGCTGT ACTATTAAGAAAAGAAGATGATTCTTAACCTACTGAATTGTGCAGATACCAAAGTGCTTA NCATGACANAATTACCACAATAAAAACCTTTTAGAGGTTATTTGGGTCTAGCCATATTA ACATTTCTGGTATTCCTGGATAATTAANCTTTGGATTCTTAAATTTAATTAATTCCTCT TAACCAGTTCTAAAAAGCCACGAAAATTTCAAACCTTATTAATCTGTN</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_183044
Insert Size:	3300 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:	<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_183044.1 , NP_898865.1
RefSeq Size:	3419 bp
RefSeq ORF:	2058 bp
Locus ID:	6049
UniProt ID:	Q9Y252
Cytogenetics:	13q12.13
Protein Families:	Druggable Genome
Gene Summary:	<p>The protein encoded by this gene contains a RING-H2 finger motif. Deletions and mutations in this gene were detected in esophageal squamous cell carcinoma (ESCC), suggesting that this protein may be a potential tumor suppressor. Studies of the mouse counterpart suggested a role of this protein in the transcription regulation that controls germinal differentiation. Multiple alternatively spliced transcript variants encoding the same protein are observed. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR, as compared to variant 1. Variants 1, 3, and 4 all encode the same isoform (1).</p>