

## Product datasheet for SC124659

### RNF13 (NM\_183381) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	RNF13 (NM_183381) Human Untagged Clone
Tag:	Tag Free
Symbol:	RNF13
Synonyms:	DEE73; EIEE73; RZF
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC124659 sequence for NM_183381 edited (data generated by NextGen Sequencing)

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ATGCTGCTCTCCATAGGGATGCTCATGCTGTCAGCCACACAAGTCTACACCATCTTGACT
GTCAGCTCTTTGCATTCTTAAACCTACTGCCTGTAGAAGCAGACATTTTAGCATATAAC
TTTGAAAATGCATCTCAGACATTTGATGACCTCCCTGCAAGATTTGGTTATAGACTTCCA
GCTGAAGGTTTAAAGGGTTTTTTGATTAACCTAAAACAGAGAATGCCTGTGAACCCATA
GTGCTCCACCAGTAAAAGACAATTCATCTGGCACTTTTCATCGTGTAAATTAGAAGACTT
GATTGTAATTTTATATAAAGGTTTTAAATGCACAGAGAGCAGGATACAAGGCAGCCATA
GTTCAATGTTGATTCTGATGACCTCATTAGCATGGGATCCAACGACATTGAGGTACTA
AAGAAAATTGACATTCATCTGTCTTTATTGGTGAATCATCAGCTAATTTCTGAAAGAT
GAATTCACATATGAAAAGGGGGCCACCTTATCTTAGTCCAGAATTTAGTCTTCCTTTG
GAATACTACCTAATTCCTTCTTATCATAGTGGGCATCTGTCTCATCTTGATAGTCATT
TTCATGATCACAAAATTTGTCCAGGATAGACATAGAGCTAGAAGAAACAGACTTCGTAAA
GATCAACTTAAGAACTTCTGTACATAAATTCAGAAAGGAGATGAGTATGATGTATGT
GCCATTTGTTGGATGAGTATGAAGATGGAGACAACTCAGAACTCCTTCCCTGTTCCCAT
GCTTATCATTGCAAGTGTGTAGACCCTTGGCTAACTAAAACAAAAAACCTGTCCAGTG
TGCAAGCAAAAAGTTGTTCTTCAAGGCGATTGAGACTCTGACACAGACAGTAGTCAA
GAGTCAATTTGGGCTTTATCGGAATCCCGCTCACATCAGAATGACAGAATCTTCAGAC
TATGAGGAAGACGACAATGAAGATACTGACAGTAGTGATGCAGAAAATGAAATTAATGAA
CATGATGTCGTGGTCCAGTTGCAGCCTAATGGTGAACGGGATTACAACATAGCAAATACT
GTTTGA

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Clone variation with respect to NM\_183381.2  
789 c=>t



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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_183381 unedited NCCGGGTCAGAATTTGTATACGACTCACTATAGGCGGCCGCGAAATTCGCACCAGGCTAG TACTCCGGGCTGTGGGGGTCGGTGC GGATATTCAGTCATGAAACAGGGTAGGGACTTCTC CCGCAGCGACGCGGCTGGCAAGACTGTTTGTGTTGCGGGGGCCGGACTTCAAGGTGATTT TACAACGAGATGCTGCTCTCCATAGGGATGCTCATGCTGTCAGCCACACAAGTCTACACC ATCTTGACTGTCCAGCTCTTTGCATTCTTAAACCTACTGCCTGTAGAAGCAGACATTTTA GCATATAACTTTGAAAAATGCATCTCAGACATTTGATGACCTCCCTGCAAGATTTGGTTAT AGACTTCCAGCTGAAGGTTTAAAGGGTTTTTTGATTAACCTCAAAACCAGAGAATGCCTGT GAACCCATAGTGCTCCACCAGTAAAAGACAATTCATCTGGCACTTTCATCGTGTTAATT AGAAGACTTGATTGTAATTTTGATATAAAGGTTTTAAATGCACAGAGAGCAGGATACAAG GCAGCCATAGTTCACAATGTTGATTCTGATGACCTCATTAGCATGGGATCCAACGACATT GAGGTAATAAGAAAATTGACATTCCATCTGTCTTTATTGGTGAATCATCAGCTAATTCT CTGAAAGATGAATTCACATATGANAAAGGGGCCACCTTATCTTAGTCCAGAATTTAGT CTTCCTTTGGAATACTACCTAATCCCTTCCTTATCATAGTGGGCATCTGTCTCATCTTG ATAGTCATTTTCATGATCACAAAATTTGTCCAGGATAGACATAGAGCTAGAAGAACAGAC TTCGTAAGATCAACTTAAAAAATTCTGTACATAATTNCAGAAAGGAGATGAGTATGAT GTATGTGCCATTTGNTTGGATGAGTATGA
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_183381
<b>Insert Size:</b>	2400 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">NM_183381.1</a> , <a href="#">NP_899237.1</a>
<b>RefSeq Size:</b>	2854 bp
<b>RefSeq ORF:</b>	1146 bp
<b>Locus ID:</b>	11342
<b>UniProt ID:</b>	<a href="#">O43567</a>
<b>Cytogenetics:</b>	3q25.1
<b>Protein Families:</b>	Druggable Genome, Protease, Transmembrane

**Gene Summary:**

The protein encoded by this gene contains a RING zinc finger, a motif known to be involved in protein-protein interactions. The specific function of this gene has not yet been determined. Alternatively spliced transcript variants that encode the same protein have been reported. A pseudogene, which is also located on chromosome 3, has been defined for this gene.

[provided by RefSeq, Jul 2008]

Transcript Variant: This variant (4) lacks an exon in the 5' UTR compared to variant 1. Both variants 1 and 4 encode the same protein.