

Product datasheet for **SC111768**

RNF13 (NM_007282) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RNF13 (NM_007282) Human Untagged Clone
Tag:	Tag Free
Symbol:	RNF13
Synonyms:	DEE73; EIEE73; RZF
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene sequence for NM_007282 edited
GAATTCGGCACGAGGTGCGGATATTCAGTCATGAAATCAGGGTAGGGACTTCTCCCGCAG
CGACGCGGCTGGCAAGACTGTTTGTGTTGCGGGGGCCGGACTTCAAGGTGATTTTACAAC
GAGATGCTGCTCTCCATAGGGATGCTCATGCTGTCAGCCACACAAGTCTACACCATCTTG
ACTGTCCAGCTCTTTGCATTCTTAAACCTACTGCCTGTAGAAGCAGACATTTTAGCATAT
AACTTTGAAAATGCATCTCAGACATTTGATGACCTCCCTGCAAGATTTGGTTATAGACTT
CCAGCTGAAGGTTTAAAGGGTTTTTTTGATTAACCAAACCAGAGAATGCCTGTGAACCC
ATAGTGCCTCCACCAGTAAAAGACAATTCATCTGGCACTTTCATCGTGTTAATTAGAAGA
CTTGATTGTAATTTTGATATAAAGGTTTTAAATGCACAGAGAGCAGGATACAAGGCAGCC
ATAGTTACAATGTTGATTCTGATGACCTCATTAGCATGGGATCCAACGACATTGAGGTA
CTAAAGAAAATTGACATTCCATCTGTCTTTATTGGTGAATCATCAGTAATTCTCTGAAA
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TTGGAATACTACCTAATCCCTTCTTATCATAGTGGGCATCTGTCTCATCTTGATAGTC
ATTTTCATGATCACAAAATTTGTCCAGGATAGACATAGAGCTAGAAGAAACAGACTTCGT
AAAGATCAACTTAAGAACTTCCGTACATAAATCAAGAAAGGAGATGAGTATGATGTA
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CAAGAAGAAAATGAAGTGACAGAACATACCCCTTACTGAGACCTTTAGCTTCTGTGAGT
GCCCAGTCATTTGGGGCTTATCGGAATCCCGCTCACATCAGAACATGACAGAATCTTCA
GACTATGAGGAAGACGACAATGAAGATACTGACAGTAGTGATGCAGAAAATGAAATTAAT
GAACATGATGTCGTGGTCCAGTTCAGCCTAATGGTGAACGGGATTACAACATAGCAAAT
ACTGTTTGACTTTTCAAGAGATGATTGGTTTTATTTCCCTTTAAAATGATTAGGTATACT
GTAATTTGATTTTTTGTCCCTTCAAAGATTTCTGTAGAAATAACTTATTTTTTAGTATT
CTACAGTTTAATCAAATTAAGTAAACAGGACTTTTGATCTGGTATTTATCTGCCAAGAAT
ATACTTCAATCAATAATAGACTGGTGTGTAACCAAGCATCAATTCAGCTCTTCTT
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TAAGACCTAGATCACAGTATTTAAGTGTGTTTGCCTTTTATACATGAGGTCAGTGTACAG
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GGAATATGTTCTGGCATTACCTGACCTGCCAATCATTAGGGAGAGGCAACAAGTAATT
CAGCCTTCTCCTATCAGCACAAGAACTCAAAGCTGTTTTTCCCTTCTGTGCCAA
AGCAGTCTTATCCTGACAGGAGCGGTCTATACTAGTGCAGATTTCAACACTTTTTTTAA
CGTTTTAATTAATAGTGTATGTAGAGATTTGATTGAGCAGCTAATGTTTCTGAACTT
TACTTACTAATTTTCAAGTGTCTTAAGGGTTCTGTAGTGTATCAAAGCAAAAAGAAAAT
GCTGCATAAAAATACAAACTTCAGCAACTGTTAATACTCAGATCATATACCTCTTAATA
AATAGCATCTTATGCTAATTAGCCCTGCTAAACTATGTACAGAGGAACTGTTCAAGTAT
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TATGAAAAGCTAAATTATACATCATTGTAACATGTAGAAAAGTGTAGACTAATGTATAAT
CAAAATGCTAAGGATTTTTATATGGCCTTGTATGAGGGGAGTTTGAATGTTAATAAACAT
GTTTTCCACTTTAAAAAAAAAAAAAAAAAACTCGAC
    
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_007282 unedited
 CACTATATTTGNAATACGCACTCATCTATAGGGCGGCCGGAATTCGCACGAGGTGCGGA
 TATTCAGTCATGAAATCAGGGTAGGGACTTCTCCCGCAGCGACGCGGCTGGCAAGACTGT
 TTGTGTTGCGGGGGCCGGACTTCAAGGTGATTTACAACGAGATGCTGCTCTCCATAGGG
 ATGCTCATGCTGTAGCCACACAAGTCTACACCATCTTGACTGTCCAGCTCTTTGCATTC
 TTA AACCTACTGCCTGTAGAAGCAGACATTTTAGCATATAACTTTGAAAAATGCATCTCAG
 ACATTTGATGACCTCCCTGCAAGATTTGGTTATAGACTTCCAGCTGAAGGTTTAAAGGGT
 TTTTTGATTA ACTCAA AACCCAGAGAATGCCTGTGAACCCATAGTGCCTCCACAGTAAAA
 GACAATTCATCTGGCACTTTCATCGTGTTAATTAGAAGACTTGATTGTAATTTTGATATA
 AAGGTTTTAAATGCACAGAGAGCAGGATACAAGGCAGCCATAGTTCACAATGTTGATTCT
 GATGACCTCATTAGCATGGGATCCAACGACATTGAGGTAATAAGAAAATTGACATTCCA
 TCTGTCTTTATTGGTGAATCATCAGCTAATTTCTCTGAAAGATGAATTCACATATGAAAA
 GGGGGCCACCTTATCTTAGTCCAGAATTTAGTCTTCTTTGGAATACTACCCTATTCC
 CTTCTTATCATAGTGGCATCTGTCTCATCTTGATAGTCATTTTCATGATCACCAAATT
 TGTT CAGNATAGACATAGAGCTTGAAGAAACAGACTTCGTAAGATCAACTTAAGAACT
 NCCTGTACATAAATTCAGAAAAGAGATGAGTATGATGTATGTGCCACTGTTTTGGATGA
 GTTTGAAGATGAAAACAACTCAGAATCCCTCCCTGTCCCATGCTT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_007282 unedited
 AGAGTCGAGTTTTTTTTTTTTTTTTTTTTAAAGTGGAAAACATGTTTATTAACATTCAACT
 CCCCTCATACAAGCCATATAAAAAATCCTTAGCATTTTGATTATACATTAGTCTACACTT
 TCTACATAGTTACAATGATGTATAATTTAGCTTTTCATAATACAGTGTTC AATACATCA
 TTAGTTCTGTAAACATAAGTCACTTACTTTCAAATCCAATACTTGAACAGTTTCCTCTG
 TACATAGTTTAGCAGGGCTAATTAGCATAAGATGCTATTTATTAAGAGGTATATGATCTG
 AGTATTAACAGTTGCTGAAGTTTGGTATTTTTATGCAGCATTTTCTTTTGTCTTGATAA
 CACTACAGAACCCTTAAGGACACTGAAAATTAGTAAGTAAAGTT CAGAAAACATTAGCTGC
 TCAATCAAATCTCTACATAACACTATAGTAATTA AACGTTAAAAAAAAGTGTGAAATC
 TGCCTAGTATAGACCGNTCCTGTATGATAAGACTGCTTTGAAACAGAAAGGGAAAAA
 CAGCTTTGAGTTCTTTGTGCTGATAGGAGGAAAGCCTGAATTACCTTGTGCTCTCCC
 TATGAGTGGAGTGGAAGCTGGGTTAGTTCATGCTATGTGGCTGTAGCACCTGACCTCATGTAT
 AAAACGCAAACACCTAANTACTGCGATCTTAGTCTAATTGGAGCCTTTACTGAGAATTN
 NTTTTTTTAAGGTTTGGCCTTCTCCATTCCAAGAAAAGCTCGATTGAGCCTTGGTTA
 CGCACCCCTTTTTTAGGAGATGAGGATATTCTTGGCCAGAAAATACCACAAACAAAG
 CCCTGTTCCAGAACTTGGTTAACCGGGAACACTAAAAATCAGTTTTCTCCACAAACGCT
 GAGGGGCACAAAACAAATTACGGTTATCCCTA ACTTTTTAGGGGAATACACAACTCTCTC
 GAAGAAACACAATTCGGTCGTGAGAACCCGCCACTATAGG

Restriction Sites:

NotI-NotI

ACCN:

NM_007282

Insert Size:

2360 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:

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_007282.3](#), [NP_009213.1](#)

RefSeq Size: 2956 bp

RefSeq ORF: 1146 bp

Locus ID: 11342

UniProt ID: [O43567](#)

Cytogenetics: 3q25.1

Domains: RING, PA

Protein Families: 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 (1) represents the longer transcript. Both variants 1 and 4 encode the same protein.