

## Product datasheet for **SC212906**

### RNF170 (NM\_001160224) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** RNF170 (NM\_001160224) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** RNF170  
**Synonyms:** ADSA; SNAX1  
**ACCN:** NM\_001160224  
**Insert Size:** 1184 bp  
**Insert Sequence:** >SC212906 3'UTR clone of NM\_001160224  
 The sequence shown below is from the reference sequence of NM\_001160224. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TGTGTTTCCATCCTTTGGTTCTCAGGTAAATGTTCCCTCCTCACTCAGACTACCCAAAAGTAGGCAGT
GCAAAAAGTAGTGCAAAAAGTAGGCAGTGACCTCCCCTCCCCTACCCAGGGCACTTGAGGCATTGAG
ACATCTCAGCACAGCATCATCATATTGACATTTCCATTGTCTGTCTGCTTCTCACTAGAACAACAAGCTC
TATGAAAACAGAGACAATGTTAGTTTTGTCCACCCAGATATTCACAGATGTACCATTATGCCTGCCACC
ACAGTAGTGCTCAACACATTAAGATTAATAAATAAAGCAAGGGAAAAGACAGGAAAGGGCAGAAGACAA
GGAAAGATCACTTCTTACTCAGTCATGGCTGCCGCCAGGTCTAAGCCACCCTCACTTCTCACCTAAAG
GATCACAGCGACCTTCCAGGCAGTCTCCAGGCACCAAGTGCCTGGCTCCCTACATGCAACGCAGCCCG
ATGATCATCTCAAGTGTGACTCTGCTGGAAAGCCTGCTCTCCCTTTCCACAGAGTAAAGGTAAAGTCC
TCAGCCAGCCTGCAAGGCCCATGTGACCTTGGTTGCTCATTTCTCTCTAACCTCATCTCACATTTG
TCCCCACAGCTCACTCTGCTCCAGCCATCCAGCCCTCCTTGTGTCTTTGAGCAGGCTGAAGACGCC
AGCCTCAGGAGCTCTGCCCTGGCCAGTCCCTCTGACTGCTAGGCTCCTCCGCCGGGCATCCTCACAGCC
AACTCTACCAACTCCAGATCTTCGCACAATAGCCATTTCTCTGTTAGGCCTGTCTGTCCACCATAA
GGAAACTTGCAACTCCCTCAGCCACAGAGCACCTCTCACCGGCTAACATACTCTGTGGTACAGTGTGTT
GCTATCTGCCTCCCTAATGTCTTTGAGAACATTAGCTCCCTGAGGGCAGAAAATCTCCTTCACTGACATA
TCCCAAGCCCCGAGAATATGCGTGCAGCATAGTCAGTAACTATTTGTTGAATCAATGAATGAGAAAAC
AATATCAGGGAATCTAAGTTGAAATACACTTTCTCAGTTCACAAATGTTATCCATTCTGACCTTTATCA
GACACAGGCACAGAGGACCTCAGAGATATCCCAGCAGTCTCAATATCCATGGTAATGCTAATAAACTA
CTATTCTGGCA
ACGCGTAAGCGGCCGCGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
  
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**Restriction Sites:** SgfI-MluI



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<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
<b>Components:</b>	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
<b>RefSeq:</b>	<a href="#">NM_001160224.2</a>
<b>Summary:</b>	This gene encodes a RING domain-containing protein that resides in the endoplasmic reticulum (ER) membrane. This protein functions as an E3 ubiquitin ligase and mediates ubiquitination and processing of inositol 1,4,5-trisphosphate (IP3) receptors via the ER-associated protein degradation pathway. It is recruited to the activated IP3 receptors by the ERLIN1/ERLIN2 complex to which it is constitutively bound. Mutations in this gene are associated with autosomal dominant sensory ataxia. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jun 2012]
<b>Locus ID:</b>	81790
<b>MW:</b>	43.1