

Product datasheet for SC112517

RNF25 (NM_022453) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RNF25 (NM_022453) Human Untagged Clone
Tag:	Tag Free
Symbol:	RNF25
Synonyms:	AO7
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_022453 edited GAATTCGGCACGAGGCGCGTCTGCGTCTGCAGCTGCAGGGGAGGAGACTGGGTCCTTC CCTCTGAAGTTGAAGTATTGGAGTCCATCTAGATGAACTACAGGTGATTAAGGAA ATGGCAGAACTTACCATGGGAGATCTACATCACTTTGCATCCTGCCACTGCAGAGGACC AGGATTCACAGTATGTCTGCTTCACTCTGGTGCTTCAGGTCCCAGCAGAGTATCCCCATG AGGTGCCACAGATCTCTATCCGAAATCCCCGAGGACTTTCAGATGAACAGATCCACACGA TCTTACAGGTGCTGGGCCACGTGGCCAAGGCTGGGCTGGGCACTGCCATGCTGTATGAAC TCATTGAGAAAGGGAAGGAAATTCTCACAGATAACAACATCCCTCATGGCCAGTGTGTCA TCTGCCTCTATGGTTTCCAGGCAGTCGGTGTGCAGTGTCCAGTGTGCAGAGAGCCCCTCG TGTATGATCTTGCCTCACTGAAAGCAGCCCTGAACCCCAACAGCCCATGGAGCTGTACC AGCCCAGTGCAGAGAGCTTGCGCCAGCAAGAAGAACGCAAGCGGCTCTACCAGAGGCAGC AGGAGCGGGGGGAATCATTGACCTTGAGGCTGAGCGAAACCGATACTTCATCAGCCTTC AGCAGCCTCCTGCCCCTGCGGAACCTGAGTCAGCTGTAGATGTCTCCAAAGGATCCCAAC CACCCAGCACCTTGCAGCAGAATATCCACCTCACCAGCCGTCGAATCCACTTTGCCAC CTCCTCTGCCTGTGGCGACCCAGCACATATGTGAGAAGATTCCAGGGACCAGGTCAAATC AGCAAAGTTGGGCGAAACCCAGAAAGCTATGCTAGATCCCCCAAGCCAGTCGAGGTC CCTGGCGACAGCCGAACGGAGGCACCCAAAGGGAGGGGAGTGCACGCCCTAAAGGTA CCCCTGACACCCAGGAAGTCCACCTCCTGAGGGGCCCCCAAGGAGCCCATGGACCTAA AGCCAGAACCCATAGCCAAGGAGTTGAAGTCTCCACAAGAGAAGGGGCTGGCAGCT GGCAGGGGCCCCACCCGAGGACTCGGACTGTGTTTCGCTGGGAGCGCTCTAAAGGCC GGACACCCGGTTCTTCTACCCTCGCCTGCCTCGGGGCCAGGGAGCATACCGGCCTGGTA CTCGGAGGGAGTCCCTGGCCTGGAATCTAAGGATGGTTCCTAGCAGGACTTGGTGGGGG GAACAGGGAAATGGGGATGGGAGGGAGGCAATAAAGATATTTGGCCTTAAAAAAAAAAAA AACTCGAC



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_022453 unedited
 TGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCGGCTCTGCGTCTGC
 AGCTGCAGGGGAGGAGGACTGGTCTTCCCTCTGAAGTTGAAGTATTGGAGTCCATCTA
 TCTAGATGAACTACAGGTGATTAAGGAAATGGCAGAACTTCACCATGGGAGATCTACAT
 CACTTTGCATCCTGCCACTGCAGAGGACCAGGATTCACAGTATGTCTGCTTCACTCTGGT
 GCTTCAGGTCCCAGCAGAGTATCCCCATGAGGTGCCACAGATCTCTATCCGAAATCCCCG
 AGGACTTTCAGATGAACAGATCCACACGATCTTACAGGTGCTGGGCCACGTGGCCAAGGC
 TGGGCTGGGCACTGCCATGCTGTATGAACTCATTGAGAAAAGGGAAGGAAATCTCACAGA
 TAACAACATCCCTCATGGCCAGTGTGTCATCTGCCTCTATGGTTTCCAGGCAGTCGGTGT
 GCAGTGTCCAGTGTGCAGAGAGCCCTCGTGTATGATCTTGCCTCACTGAAAGCAGCCCC
 TGAACCCCAACAGCCATGGAGCTGTACCAGCCAGTGCAGAGAGCTTGCGCCAGCAAGA
 AGAACGCAAGCGGCTCTACCAGAGGCAGCAGGAGCGNGGGGAATCATTGACCTTGAGGC
 TGAGCGAAACCGATACTTCATCAGCCTTCAGCAGCCTNCCTGCCCTGCNGAACCTGAGT
 CAGCTGTAGATGTCTCAAGGATCCAACCACCCAGCACCTTGCAGCAGAACTATCCAC
 CTCACCAGCCGTCCATCCACTTTGCCACCTNCTCTGNCTGTGGCGACCCACACATATGTG
 AGAAGATTCCAGGACCCAGTCAATCAGCAAAGGGTGGNCGAACCCAGAAGCTTGCTTAG
 ATCCCCNAGCCAGTGCAGGC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_022453 unedited
 GTCCGCGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT
 TTTTTTTTTTTTTTAAAGGCCAAATATTTTTATTGCCTCCCTCCCATCCCAATTCCTG
 TTCCCCCACCAAGTCTGGTAGGAACCATCCTTAAATTCAGGCCCAGGGACTCCCTCC
 GAGTACCAGGCCGTATGCTCCCTGGCCCCGAGGCAGGCAGGGTAGGAAAAACCGGGTG
 TCCGGCCTTTAAAGCGCTCCAGCGAACACAGTCCCGAGTCTGGGGGGGGGGGCCCT
 GCCAGCTGCCAGGCCCTTTTTTTGGGGAGGACCTTCAACTCCTTGGCTATGGGGTTCTG
 GCTTTAGGGCCATGGGCTCCTTGAGGGGCCCTCAGGAGGGGCGAGTTCTGGGGGTAC
 GGGTACCTTTAGGGGCGGGGCACTCCCCCTCCTTTGGGGCCTCCGTTCCGGGCTGTCCG
 AGGGACCTCGACTGGGCTTGGGGGATCTAACATAGCTTTCTGGGTTTCGCCAACCTTT
 GCTGATTTGACCTGGTCCCTGGAATCTTCTCACATATGTCTGGGTCGCCACAGGCAGAG
 GAGGTGGCAAAGTGGATTGGACGGCTGGTGAAGTGGATANTTCTGCTGCAAGGGTGTGG
 GTGGTTTGGGATCCTTTGAGAATCTACAGTCACTCAGGTTCCCCAGGGGCAAGAGGCT
 GCTGAAGGCTGATGAAATATCGGGTTCGCTCGCCTCAGAGGCAATGATCCCCCGCTCC
 TGCTGCCTTTGGTAAAACCGCTTGCCTTTTTTGGTGGGCAAGCTTTTGAATTGGGCT
 GGACAGCTCATGGCTTGGTGGGGTTAGGGGGCTTTTTACGGAGGAAGAAATTACCGAG
 GGGTCTTTGACTGACTGACTGACACCAG

Restriction Sites:

NotI-NotI

ACCN:

NM_022453

Insert Size:

1400 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_022453.2](#), [NP_071898.2](#)

RefSeq Size: 1566 bp

RefSeq ORF: 1380 bp

Locus ID: 64320

UniProt ID: [Q96BH1](#)

Cytogenetics: 2q35

Domains: RING, RWD

Protein Families: Druggable Genome

Gene Summary: The protein encoded by this gene contains a RING finger motif. The mouse counterpart of this protein has been shown to interact with RelA, the p65 subunit of NF-kappaB (NFKB), and modulate NFKB-mediated transcription activity. The mouse protein also binds ubiquitin-conjugating enzymes (E2s) and is a substrate for E2-dependent ubiquitination. [provided by RefSeq, Jul 2008]