

Product datasheet for **SC115967**

TNRC5 (CNPY3) (NM_006586) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TNRC5 (CNPY3) (NM_006586) Human Untagged Clone
Tag:	Tag Free
Symbol:	TNRC5
Synonyms:	CAG4A; DEE60; EIEE60; ERDA5; PRAT4A; TNRC5
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC115967 sequence for NM_006586 edited (data generated by NextGen Sequencing)

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ATGGATTCAATGCCTGAGCCCGCTCCCGTGTCTTCTGCTTCTCCCTTGCTGCTGCTG
CTGCTGCTGCTGCTGCCGCCCCGGAGCTGGGCCCGAGCCAGCCGGAGCTGAGGAGAAC
GACTGGGTTCGCCTGCCAGCAAATGCGAAGTGTGTAATATGTTGCTGTGGAGCTGAAG
TCAGCCTTTGAGGAAACCGCAAGACCAAGGAGGTGATTGGCACGGGCTATGGCATCCTG
GACCAGAAGGCCTCTGGAGTCAAATACACCAAGTCGGACTTGGGTTAATCGAAGTCACT
GAGACATTTGCAAGAGGCTCCTGGATTATAGCCTGCACAAGGAGAGACCAGGCAGCAAT
CGATTTGCCAAGGGCATGTCAGAGACCTTTGAGACATTACACAACCTGGTACACAAAGG
GTCAAGGTGGTGTGATGGACATCCCCTATGAGCTGTGGAACGAGACTTCTGCAGAGGTGGCT
GACCTCAAGAAGCAGTGTGATGTGCTGGTGAAGAGTTTGAGGAGGTGATCGAGGACTGG
TACAGGAACCACCAGGAGGAAGACCTGACTGAATTCCTCTGCGCCAACCACGTGCTGAAG
GGAAAAGACACCAGTTGCCTGGCAGAGCAGTGGTCCGGCAAGAAGGGAGACACAGCTGCC
CTGGGAGGGAAGAAGTCCAAGAAGAAGAGCAGCAGGGCCAAGGCAGCAGGCGGCAGGAGT
AGCAGCAGCAAACAAAGGAAGGAGCTGGGTGGCCTTGAGGGAGACCCAGCCCCGAGGAG
GATGAGGGCATCCAGAAGGCATCCCCTCTCACACAGCCCCCTGATGAGCTCTGA
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Clone variation with respect to NM_006586.3



[View online »](#)

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_006586 unedited
 TGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCAGGCCAGACGCAGG
 CTTCTTCTCGGGTCTTGGTCCTGCATCCTCTCTCCCAGAGCCTCCGTTAGGGGGTGGG
 AAAGGACTTTGCCATAGGTGCGTGAGGCCACCATCTGCTCTTACTGGCCAAGGGCGTA
 AAAAGATAGTCTTCCCATTAGCTAGAGAGCAAACCCAGAAAGCCTATTGGCTGCGCCGT
 CCGCGGGCCTTGGTCCGCTTTGAAGGCGGGCTGCGGCTGCGAGAGGAGGGCGGGCGGAG
 GCTAGCTGTTGTGCTGGTTGCTCGGAGGCACGTGTGCAGTCCCGAAGCGGCGAGGGGAA
 ACTGCTCCGCGCGCCCGGGAGGAGGAACCGCCCGTCTTTAGGGTCCGGGCCCGGC
 CGGGCCATGGATTCAATGCCTGAGCCCGCTCCCGCTGCTTCTGCTTCTCCCTTGCTG
 CTGCTGCTGCTGCTGCTGCTGCCGGCCCGGAGCTGGGCCGAGCCAGGCCGGAGCTGAG
 GAGAACGACTGGGTTGCGCTGCCAGCAAATGCGAAGTGTGAAAATATGTTGCTGTGGAG
 CTGAAGTCAGCCTTTGAGGAAACCGCAAGACCAAGGAGGTGATTGCCACGGGCTATGGC
 ATCCTGGACCAGAGGCCCTCTGGAGTCAAAACACCAAGTCGGACTTGCAGTAAATCGAAGT
 CACTGAGACCATTGCCAGAGGCTCCTGGATTATAGCCTGCACAAGGAGAGGACCGGCAG
 CAATCGATTTGCCAAGGGCATGTGAGAGCCTCTGAGACTTACACAACCTGTACACAAG
 GCGTCAAGGCGGNNGATGGACATCCCCTATGAGCTGNGGAACGAGACTNTGCAGAGTTG
 GCTGACCTAANAACCGCCGTGAGTGCTGGGAGCAAATTT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_006586 unedited
 CTTGTACGCGCCGATTCTANGATCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT
 TTTTTTTTTTAAAAACCAAAAATTTTACTTTTTGGGCTCTGGAAGGGCCAGGCAAAG
 TGCAAGGGGTCCACAGGAGGGTAACCAAAAAGGAGCTACAGGGGCTGCAGCCCTAATA
 CCCTGTTGGGAAGGACTGAGGGATGGTAATTTTGGTCTCCGGGAGGGGCTCCAGTCTTG
 GGGCCAGTTTTGACACCTGCCCTCCTGAGTTCACACTGGAGTCTTGCAGTCCTGAAA
 CCACAAGGCCTGCCTGAACCCTGGTAAGAAAAAAACATTTGGGGAGGAAAAGGACGG
 CGGGCCATACCATGACGGCTTTGAGTCTTCTGGGGCTTGGTCTTTCTTTGGCAAAA
 AAGGGCACACCAAGGCAAGGAGGGCTGAAGGCTGCGGGGCCATCCCGCCTGCCAAAG
 CCATGCCCTTGACTCTTCAAGTTTCAAAATCAGGGGTCTCAGGACAAGGATGCTGGGTG
 GCTCAAAGCTCATCAGGGGGCTGTGTGTAAGGGGATCCCTTTTGGATGCCCTCATCC
 TCCTCGGGGCTGGGGTCTCCCTCAAGGCCACAGCTCCTTCTTTTGGACTTTCTTCCCTTCC
 ACTCCTGCCGCTGCTGGCTTGGCCCTGCTGCTTCTTTTTGGACTTTCTTCCCTTCC
 AGGCAGTTGTGCTTTCTTCTGCGGACATTGCTCTGCAGGCAACTGGGTCTTTTCCCTT
 AACACGGGGTGGGCAAAAAGATTCTATCAGCCTTCTCCTGGGGTTCCTGAACAANCTTA
 ACACCTTCTAAATTTTTACAGAAATCAACTGTTTTTGGAGCCACCACTTTTCATATTT
 TTTTCAAAGTCTTAGGTAGGCCCTACCCCTTGCCTTTGGTCCAGGTGGAN

Restriction Sites:

NotI-NotI

ACCN:

NM_006586

Insert Size:

1750 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_006586.2](#), [NP_006577.2](#)

RefSeq Size: 1720 bp

RefSeq ORF: 837 bp

Locus ID: 10695

UniProt ID: [Q9BT09](#)

Cytogenetics: 6p21.1

Gene Summary: This gene encodes a protein that binds members of the toll-like receptor protein family and functions as a chaperone to aid in folding and export of these proteins. Alternative splicing results in multiple transcript variants. Naturally occurring readthrough transcription occurs between this locus and the downstream GNMT (glycine N-methyltransferase) gene and is represented with GeneID:107080644. [provided by RefSeq, Jan 2016]
Transcript Variant: This variant (1) encodes isoform 1.