

Product datasheet for SC115921

SUGT1 (NM_006704) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SUGT1 (NM_006704) Human Untagged Clone
Tag:	Tag Free
Symbol:	SUGT1
Synonyms:	SGT1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC115921 sequence for NM_006704 edited (data generated by NextGen Sequencing)

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ATGGCGGCGGCTGCAGCAGGAAGTCAACATCCCAGAGGTTTTCCAGAGCTTCTCGGAT
GCCCTAATCGACGAGGACCCCCAGGCGGCTTAGAGGAGCTGACTAAGGCTTTGGAACAG
AAACCAGATGATGCACAGTATTATTGTCAAAGAGCTTATTGTCACATTCTTCTGGGAAT
TACTGTGTTGCTGTTGCTGATGCAAAGAAGTCTCTAGAACTCAATCCAAATAATTCCACT
GCTATGCTGAGAAAAGGAATATGTGAATACCATGAAAAAACTATGCTGCTGCCCTAGAA
ACTTTTACAGAAGGACAAAAATTAGATAGTGCAGATGCTAATTTTCAGTGTCTGGATTAA
AGGTGTCAAGAAGCTCAGAATGGCTCAGAATCTGAGGTGTGGACTCATCAGTCAAAAATC
AAGTATGACTGGTATCAAACAGAATCTCAAGTAGTCATTACACTTATGATCAAGAATGTT
CAGAAGAATGATGTAATGTGGAATTTTCAGAAAAGAGTTGTCTGCTTTGGTTAACTT
CCTTCTGGAGAGGATTACAATTTGAAACTGGAACCTTCTTCATCCTATAATACCAGAACAG
AGCACGTTTTAAAGTACTTTCAACAAAGATTGAAATTTAACTGAAAAAGCCAGAGGCTGTG
AGATGGGAAAAGCTAGAGGGGCAAGGAGATGTGCCTACGCCAAAACAATTCGTAGCAGAT
GTAAAGAACCTATATCCATCATCATCTCCTTATACAAGAAATGGGATAAATTTGGTTGGT
GAGATCAAAGAAGAAGAAAAGAAATGAAAAGTTGGAGGGAGATGCAGCTTTAAACAGATTA
TTTCAGCAGATCTATTCAGATGGTTCTGATGAAGTGAAACGTGCCATGAACAAATCCTTT
ATGGAGTCGGGTGGTACAGTTTTGAGTACCAACTGGTCTGATGTAGGTAAAAGGAAAGTT
GAAATCAATCCTCCTGATGATATGGAATGAAAAAGTACTAA

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Clone variation with respect to NM_006704.3



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_006704 unedited</p> <pre>TACGACTCACTATAGGGCGGCCGAATTCGGCACGAGGGGAGGTGGTAACCGTGATAGT AGCAGCTCCGGCGGCAGCAACAGCGACTACGAGGGATGGCGGGCTGCAGCAGGAACTG CAACATCCCAGAGGTTTTTCCAGAGCTTCTCGGATGCCCTAATCGACGAGGACCCCCAGG CGGCGTTAGAGGAGCTGACTAAGGCTTTGGAACAGAAACCAGATGATGCACAGTATTATT GTCAAAGAGCTTATTGTACATTCTTCTGGGAATTACTGTGTTGCTGTTGCTGATGCAA AGAAGTCTTAGAACTCAATCCAATAATCCACTGCTATGCTGAGAAAAGGAATATGTG AATACCATGAAAAAACTATGCTGCTGCCCTAGAAACTTTTACAGAAGGACAAAAATTAG ATAAGACGGGTTTCATCGTGTTGGCCAGGCTGGTCTCCAACCTTGACCTCAAGTGATC CACCTGCCTTGGACTCCCAAAGTCTGGGATTACAGGTGCAGATGCTAATTTCAAGTGTCT GGATTAAGGTTGCAAGAAGCTCAGAATGGCTCAGAATCTGAGGTGGACTCATCAGT CAAAAATCAAGTATGACTGGTATCAAACAGAATCTCAAGTAGTCATTACACTTATGATCA AGAATGGTCAGAAGAATGATGTAATGTGGATTTTCAANAAGAGTTGCTGCTTTGG TTAAACTTCTTCTGGAGAGGGGATACATTTGAACTGGNACTTCTCATNNCTATATAC CAGAACAGAGCAGNTTAAGTACCTTTCAAAAGATGAAATTTAACCGAAAAACCAAGG GCTGGAATGGGAAAAGCTTNAAGGGCGNAAATGGGCTTACCCCAAACAATTCTGACCA AATGTTAAGAACCTATCCCTTCTCCTCTTACCAAATTTGGGATAAATAGGGTGGGG GAACAAAAGAAAAAAGAAAGGG</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_006704 unedited</p> <pre>CCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTGGAGAGCAAATTAATTTATTTAGT ACTTTTTCCATTCCATATCATCAGGAGGATTGATTTCACTTTTCTTTTACCTACATCAG ACCAGTTGGTACTCAAACTGTACCACCGACTCCATAAAGGATTTGTTTATGGCAGGTT TCACTTATCAGAACCATCTGAATAGATCTGCTGAAATAATCTGTTTAAAGCTGCATCTC CCTCCAACTTTTATTCTTTTCTTCTTTGATCTCACCAACCAATTTATCCCAATTTT TTGATAAGGAGATGATGATGGATATAGGTTCTTTACATCTGCTACGAATGTTTTGGCG TAAGCACATCTCCTTGCCCTCTAGCTTTTCCCATCTCACAGCCTCTGGCTTTTTTCAAGT TAATTTCAATCTTTGTTGAAAGTACTTTAAACGTGCTCTGTTCTGGTATTATAGGATGAA GAAGTTCAGTTTCAAATGTAATCCTCTCCAGAAGGAAGTTTAAACAAAGCAGACAAC CTTTTTCTGAAAATCCACATTTACATCATTCTCTGAACATTTGATCATAAGTGTAA TGACTTTGAGATTCTGTTTGTATACCAGTCATACTTGATTTTTGACTGATGAGTCCACA CCTCAGATTCTGAGCCATTCTGAGCTTCTTGACACCTTTTAAATCCAGACACTGAAAATAG CATCTGCACCTGTAATCCAGCACTTTGGGAGTNAAGGCCAGTGGATCACTTGAGTCAA GAGTTGGAGACAGCCCTGCCACACGATGAACCCCGCCTATCTAATTTGGCCCTCGAA AAGTTCTAGGCAGCACCATAGTTTTTTCATGGATCACAATTCCTTTCTCACTACCAGGGGA TATTTGGATGAGTCTAAGACTCTTTGGTCAACACAGCAACAGTATTTCCAGAGATGGGAC TTAGCCCTTGACATATACGGGCTAT</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_006704
Insert Size:	1260 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:	<ol style="list-style-type: none">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_006704.2 , NP_006695.1
RefSeq Size:	1535 bp
RefSeq ORF:	1002 bp
Locus ID:	10910
UniProt ID:	Q9Y2Z0
Cytogenetics:	13q14.3
Domains:	TPR, CS, SGS
Protein Pathways:	NOD-like receptor signaling pathway
Gene Summary:	<p>This gene encodes a highly conserved nuclear protein involved in kinetochore function and required for the G1/S and G2/M transitions. This protein interacts with heat shock protein 90. Alternative splicing results in multiple transcript variants. Pseudogenes for this gene have been defined on several different chromosomes. [provided by RefSeq, Mar 2016]</p> <p>Transcript Variant: This variant (2, also known as A) lacks an alternate in-frame exon compared to variant 1. The resulting isoform (A) is shorter than isoform B.</p>