

Product datasheet for SC322172

SUGT1 (NM_006704) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | SUGT1 (NM_006704) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | SUGT1 |
| Synonyms: | SGT1 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC (PS100020) |
| E. coli Selection: | Ampicillin (100 ug/mL) |

Fully Sequenced ORF: >OriGene sequence for SC322172
GAGGTGGTAACCGTGATAGTAGCAGCTCCGGCGGCAGCAACAGCGACTACGAGGGATGGC
GGCGGCTGCAGCAGGAACACTGCAACATCCCAGAGGTTTTCCAGAGCTTCTCGGATGCCCT
AATCGACGAGGACCCCCAGGCGGCGTTAGAGGAGCTGACTAAGGCTTTGGAACAGAAACC
AGATGATGCACAGTATTATTGTCAAAGACTTATTGTCACATTCTTCTGGGAATTAAGT
TGTTGCTGTTGCTGATGCAAAGAAGTCTCTAGAACTCAATCCAAATAATTCCACTGCTAT
GCTGAGAAAAGGAATATGTGAATACCATGAAAAAACTATGCTGCTGCCCTAGAACTTT
TACAGAAGGACAAAAATTAGATAGTGCAGATGCTAATTTCAAGTGTCTGGATTAAGGTTG
TCAAGAAGCTCAGAATGGCTCAGAATCTGAGGTGTGGACTCATCAGTCAAAAAATCAAGTA
TGACTGGTATCAACAGAATCTCAAGTAGTCATTACACTTATGATCAAGAATGTTTCAGAA
GAATGATGTAATGTGGAATTTTCAGAAAAAGAGTTGTCTGCTTTGGTTAACTTCCTTC
TGGAGAGGATTACAATTTGAAACTGGAACCTTCTCATCCTATAATACCAGAACAGAGCAC
GTTTAAAGTACTTTCAACAAAGATTGAAATTAAGTAAAAAGCCAGAGGCTGTGAGATG
GGAAAAGCTAGAGGGGCAAGGAGATGTGCCTACGCCAAAAACAATTCGTAGCAGATGTAAA
GAACCTATATCCATCATCATCTCCTTATACAAGAAATTGGGATAAATTGGTTGGTGAGAT
CAAAGAAGAAGAAAAGAAATGAAAAGTTGGAGGGAGATGCAGCTTTAAACAGATTATTTCA
GCAGATCTATTCAGATGGTTCTGATGAAGTGAACGTGCCATGAACAAATCCTTTATGGA
GTCGGGTGGTACAGTTTTGAGTACCAACTGGTCTGATGTAGGTAAGGAAAAGGAAAGTTGAAAT
CAATCCTCCTGATGATATGGAATGGAAAAGTAAATAAATTAATTTGCTCTCATCGT
ATTGTGTATATTACCTAATGCCATTGTGATTGATATTGCATTCTTGAATTTGAAACA
CTGAATATCTTTTTGAAAGATTATACTTCTTTACCTCTTTGTGCTTTAGAAATATTTTT
CTTCAAGTGTTCAAGTCTAATGAAGAATGAAGATAACATTTTATCACTTCTGTCCTTAA
GATTTTCAGACATGGTGAACCTGAATAAAGCATGTCATTTGCTCCTAGATAGATTCATTCT
ATCTAGTTGTGGGATGGAGAAATCTTTAATGGTATATTTTCGGTTATTGCCTATTTTT
GATACAGTATTCTGTCAGTAATTTATTAGACCTGGCAGCTTTGGGTGAGCTTAGATTTTT
CACCTTCAGTGTACATTGTGTTTGTCTTTAAAAACTGCTTTTGAATGGAGTTGTAATA
CAATTTTCTATGAAGATGTAAAAA



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| Restriction Sites: | Please inquire |
| ACCN: | NM_006704 |
| 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). |
| OTI Annotation: | This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA. |
| 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> |