

Product datasheet for **SC322782**

NT5DC1 (NM_152729) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NT5DC1 (NM_152729) Human Untagged Clone
Tag:	Tag Free
Symbol:	NT5DC1
Synonyms:	C6orf200; LP2642; NT5C2L1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for SC322782
 GCTCCTTGACACCTTCGCGGCCGAGGCGCTCCCTGGTGCTCCCCGCGCAGCCATGGCTCA
 GCATTCTCCCTGGCCGCTGCGACGTGGTCGGATTTCGACCTGGACCACACTCTGTGTCG
 CTACAACCTGCCCCGAGAGCGCCCCGCTCATTTATAATAGCTTTGCCAGTTCTAGTTAA
 GGAGAAAGGGTACGATAAGGAATTGCTCAATGTGACCCAGAGGATTGGGATTTCTGTTG
 CAAAGGTTTGGCATTGGATCTAGAAGATGGGAACCTTCTTAAACTTGCAAATAATGGCAC
 TGTCTCAGGGCAAGCCATGGCACCAAGATGATGACTCCAGAGGTGCTGGCAGAGGCATA
 TGGCAAGAAAGAGTGGAAGCACTTCTTGTGCGACACTGGAATGGCTTGCCGCTCAGGAAA
 GTATTACTTTTACGACAACACTTTTACCTGCCAGGAGCTCTTCTGTGTGCCAGGTGGT
 GGACTATTTAACAAAACCTGAACAATGGTCAAAAAACATTTGATTTTTGGAAGGATATAGT
 TGCTGCTATACAACACAATTATAAAATGTCAGCTTTTAAGGAAAACCTGTGGAATATATTT
 TCCAGAAATAAAAAGAGATCCAGGCAGATATTTACATAGTTGCTCCTGAATCTGTGAAAAA
 ATGGCTTCGACAGCTAAGAATGCTGGGAAAATCTTCTGTTAATTACCAGTTCTCACAG
 TGATTACTGTAGACTTCTCTGCGAATATATTCTTGGGAATGATTTTACAGACCTTTTTGA
 CATTGTGATTACAAATGCATTGAAGCCTGGTTTCTTCTCCCACTTACCAAGTCAGAGACC
 TTCCGGACACTCGAATGATGAGGAGCAGGAGGCACTGCCATCTCTGGATAAACCTGG
 CTGGTACTCCCAAGGGAACGCTGTCCACCTCTATGAACTTCTGAAGAAAATGACTGGCAA
 ACCTGAACCCAAGGTTGTTTATTTTGGTGACAGCATGCATTTCAGATATTTTCCCAGCTCG
 TCACTATAGTAATTGGGAGACAGTCCTCATCTGGAAGAAGTCCAGAGGGGATGAAGGCAC
 GAGGAGTCAGAGGCTGAGGAGTCAGAGCCTCTAGAGAAGAAAGGAAAATATGAGGGACC
 AAAAGCAAAACCTTTAAATACTTCATCTAAAAATGGGGCTCTTTTTTTATTGATTTCAGT
 TTTGGGACTGGAAAATACAGAAGACTCCTTGGTTTATACATGGTCTTGTAAAGAGAATCAG
 TACTTACAGCACTATTGCAATTCGAAGTATTGAAGCAATCGCAGAATTACCTCTGGACTA
 CAAATTTACAAGATTCTTCAAGCAATTCAAAAACAGCTGGCTACTATCCAATCCTCC
 ACTGGTCTTATCAAGTGATGAGACTGATATCCAATAAGTTGTCTTTACTGAAAAATG
 AAGTGAAGACCCATATATGCAGTAAAAAAAAGTTAATTTTCAAAAATACTGTAAAAAGA
 CTTTAAGGAACAAGTTTATTGACCAATAAGTTGATATTTGTCCATAGGTCTCCTTTCTA
 TAAATCATCTTGATGTTTAACTCTTATTATATTTAAATCTCAGTATCCTAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

- Restriction Sites:** Please inquire
- ACCN:** NM_152729
- 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:

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_152729.2](#), [NP_689942.2](#)

RefSeq Size: 3193 bp

RefSeq ORF: 1368 bp

Locus ID: 221294

UniProt ID: [Q5TFE4](#)

Cytogenetics: 6q22.1

Gene Summary: While the exact function of the protein encoded by this gene is not known, it belongs to the 5'(3')-deoxyribonucleotidase family. [provided by RefSeq, May 2010]