

Product datasheet for **SC319648**

NT5C3L (NT5C3B) (NM_052935) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NT5C3L (NT5C3B) (NM_052935) Human Untagged Clone
Tag:	Tag Free
Symbol:	NT5C3L
Synonyms:	cN-IIIB; NT5C3L
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_052935.2
GGATGGCAGAGGAGGTGAGGAGGGAGGAAGCGTCCGGAGTGGGGCGGGCCCGACTCCGA
CCCCCGGGGCGCTTCGAGCCCCCAGCTGGTCACCGAGGCACCGCGCTTCAACCAGGCC
AGTAGCCGCCCCCTCGGCGACCCCGGCCCGCCTCACACGCGCGCCGAGCGAGCCCCG
GGTCCCCCTCGGGCCAGCGTGGCGCAGGGTCACTGGTTCTCTCGGGTCTCGGGACAGG
TGAGCACCTGATGAAGGCCACGGTCTGATGCGGCAGCCTGGCGGGTGCAGGAGATCG
TGGGCGCCCTCCGCAAGGGCGGGAGACCGGTTACAGGTGATTTCTGATTTTGACATGA
CCTTGAGCAGGTTTGCATATAATGGAAAGCGATGCCCTTCTTCTTACAATATTCTGGATA
ATAGCAAGATCATCAGTGAGGAGTGTGGAAAGAGCTCACAGCGCTCCTTCACTACTATT
ACCCAATTGAGATCGACCACACCGGACCGTCAAGGAGAAGCTACCTCATATGGTGGAAAT
GGTGGACCAAGCGCACAATCTCTATGTCAGCAGAAGATTCAGAAGTTTCAGATAGCCC
AGGTGGTTAGAGAGTCCAATGCAATGCTCAGGGAGGGATATAAGACCTTCTTCAACACAC
TCTACCATAACAACATTTCCCTTTTCTGCGGGCATTGGTGATATCCTGGAAG
AAATTATCCGACAGATGAAAGTGTTCACCCCAACATCCACATCGTGTCTAACTACATGG
ATTTTAAAGAAGTGGTTTTCTCCAGGGATTTAAGGGCCAGCTGATACACACATAACA
AGAACAGCTCTGTGTGTGAGAACTGTGGTACTTCCAGCAACTTGAGGGCAAAACCAATG
TCATCCTGCTGGGAGACTCTATCGGGGACCTCACCATGGCCGATGGGGTTCCTGGTGTG
AGAACATTCTCAAATTGGCTTCTGAAATGACAAGGTGGAGGAGCGGGGAGCGCTACA
TGGACTCCTATGACATCGTGTGGAGAAGGACGAGACTCTGGATGTGGTCAACGGGCTAC
TGCAGCACATCCTGTGCCAGGGGTCCAGCTGGAGATGCAAGGCCCTGAAGGCGCAGGC
TCCAGCCCGCCCTGCAGGCCGTGGTGAGGAGGGGCGCCTCCCCAGAGTCTGCTCCCCGT
GAACACAGAGCAGAGGCCAGGGTGGCCAGCAGTGGCTGGGTCTTCCGCGCCCTCCGTC
CTCCTTCCCTGAGCACCTTCATCACCAGAGGCTTGAAGGAACCCCGCCATGTGGCAGGG
CACAGGCACTGTTCTGGTGAACCTTGGACCACAGCATGTCAGTCTAGGGATTGCT
ACTCCAGGGATTTCTTCAAATTTTTAAACATGGGAAGTTCAAACAAATATAATGTGTG
AAACAGAAAAAAAAAAAAAAAAAAAAA



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Restriction Sites:	Please inquire
ACCN:	NM_052935
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_052935.2 , NP_443167.2
RefSeq Size:	1467 bp
RefSeq ORF:	879 bp
Locus ID:	115024
UniProt ID:	Q969T7
Cytogenetics:	17q21.2
Gene Summary:	<p>Specifically hydrolyzes 7-methylguanosine monophosphate (m(7)GMP) to 7-methylguanosine and inorganic phosphate (PubMed:23223233, PubMed:24603684). The specific activity for m(7)GMP may protect cells against undesired salvage of m(7)GMP and its incorporation into nucleic acids (PubMed:23223233). Also has weak activity for CMP (PubMed:23223233, PubMed:24603684). UMP and purine nucleotides are poor substrates (PubMed:23223233). [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the shortest transcript but encodes the functional protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>