

Product datasheet for **SC310778**

NSUN5B (NM_001039575) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NSUN5B (NM_001039575) Human Untagged Clone
Tag:	Tag Free
Symbol:	NSUN5B
Synonyms:	MGC129801; WBSCR20B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC310778 representing NM_001039575. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGCCGAGCAGACAGCTGGAGGATCCCGGGCAGGGACACCTAGCCCGGTGCGTCTGCATGCCCTGGCA
 GGGTTCCAGCAGCGAGCCCTGTGCCACGCGCTCACTTTCCCTTCCTGCAGCGGCTCGTCTACTCCATG
 TGCTCCCTCTGCCAGGAGGAGAATGAAGACATGGTACCAGATGCGCTGCAGCAGAACCCGGGCGCCTTC
 AGGCTAGCTCCCGCCCTGCCTGCCCGGCCCCACCGAGGCCTGAGCACGTTCCCGGGTGCCGAGCACTGC
 CTCCGGGCTTCCCCAAGACCACGCTTAGCGGTGGCTTCTCGTTGCTGTAATTGAACGGGTCGAGATG
 CCGACCTCAGCCTCACAGGCCAAAGCATCAGCACCAGAACGCACCCAGCCAGCCCCAAGAGAAAG
 AAGAGACAGCAAAGAGCCGACGCCGGTGCTTGACACCGCCTTGACAC**AG**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001039575
Insert Size:	465 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).


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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:	<u>NM_001039575.1</u>
RefSeq Size:	1837 bp
RefSeq ORF:	465 bp
Locus ID:	155400
Cytogenetics:	7q11.23
MW:	16.5 kDa
Gene Summary:	<p>This locus represents a transcribed pseudogene of a nearby locus on chromosome 7, which encodes a putative methyltransferase. There is also a third closely related pseudogene locus in this region. Alternative splicing results in multiple transcript variants of this gene. [provided by RefSeq, Jul 2013]</p> <p>Transcript Variant: This variant (1) represents the longest transcript. All three variants encode the same protein.</p>