

Product datasheet for **MC201578**

Nxt1 (NM_019761) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nxt1 (NM_019761) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nxt1
Synonyms:	1110001N02Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC023672 sequence for NM_019761 CGGCGCGGGGAAGCCAGTACCGCGCTTAACCGTTCCCTCGCCTCCTGGACGTCCGGCTTCTCAGGCGGAG CCTCTGGGAGGAAGAGGAGAACAGGAGAGAACTCTTTTGGCCCGGACCAGCGACCGGGGCGGAACCCGG GACCGAGTCGCCTTGGCGCGCTGACCGAGATCGAGCAGTCCCTGGATCCCTAAGGAGGAGGCGCTCAGG CGGAGGCCTCTTGTGAGCAGAAACAGAGATGGCATCAGTAGATTCAAGACCTATGTGGACCAGGCTGC AGAGCTGCAGAGGAATTTGTCAATGTCTATTACACGACTATGGATAAGCGGCGTCCGGCTGCTGCCCGC TGTACATGGGCACAGCCACTTTAGTATGGAATGGAAATGCTGTTTCAGGACAAGAATCCTTGAGTGAGTT TTTTGAGATGTTGCCTTCCAGTGAGTTCCAAATCAGCGTAGTAGACTGCCAGCCTGCCATGATGACGCT ACACCAAGCCAGACCACCGTCTGTGGTATCTGTGGAACAGTGAAGTTTGAAGGCAACAACAGCGGG ACTTCAACCAGAACTTCATCTTGACTGCTCAGGCGTACCCAGTAACACAGTGTGGAAGATAGCAAGTGA CTGCTTCCGGTCCAGGACTGGGCCAGCTAGTGGGGGTGACCCAGGCATCTTAGCTTAAGCCCAGCTCTG CAGAGAAATGCCAGTCTCAAATCTCAGGATGTGGAGAACAAGTTCATTTTTGTGTCACAGCAGCACT GCAGACTGGATGTTGACTCCCAGAAATCCCATTTCTGTTATATACTGTTTGTGTCATAGTTGCCTTTT AAAAGTAGTAACTTTCTATTTTTCTACTTACTCAGTAGAGACCTGTTTCTGGAACCTTGACAAATAAAT ATGTTGCTTTTCTGCCAAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_019761
Insert Size:	423 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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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:	BC023672 , AAH23672
RefSeq Size:	965 bp
RefSeq ORF:	423 bp
Locus ID:	56488
UniProt ID:	Q9QZV9
Cytogenetics:	2 G3
Gene Summary:	<p>Stimulator of protein export for NES-containing proteins. Also plays a role in the nuclear export of U1 snRNA, tRNA, and mRNA. The NXF1-NXT1 heterodimer is involved in the export of HSP70 mRNA in conjunction with ALYREF/THOC4 and THOC5 (By similarity). [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 encode the same isoform.</p>