

Product datasheet for SC317290

NXT2 (NM_018698) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NXT2 (NM_018698) Human Untagged Clone
Tag:	Tag Free
Symbol:	NXT2
Synonyms:	P15-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317290 representing NM_018698. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
 ATGAGAAAATACAGAAGCCACTGGTCTCAGGGAGACAGAGAAGGATACCAAAGAAGAAGTAACTATTAT
 GAGGGGCCACACACCAGCCACTCAAGCCCTGCGGACCGGACACGTGAGGAGGTAGTGACGCCGACACTG
 CCAGAACACACTGCTACAAGGTCCCAGATGGCCACGTCTCTGGATTTTAAACTTATGTAGATCAGGCA
 TGTAGAGCTGCTGAGGAGTTTGCAATATTTACTATGAGACAATGGATAAAAGAAGACGGGCACTAACC
 AGGCTGTATCTGGACAAGGCCACCTTAATATGGAATGGAATGCTGTTTCAGGGCTGGATGCCCTAAAT
 AATTTTTTTGACACATTGCCTTCTAGTGAGTTCAGGTCAATATGTTAGATTGCCAACCAGTTCATGAG
 CAAGCAACTCAGTCCCAACTACAGTTCTTGTGTGACCAAGTGAAGTGTGAAGTTTGATGGAAACAAA
 CAACATTTCTTCAACCAGAACTTCTGCTGACTGCTCAGTCCACTCCCAACAATACTGTGTGGAAGATT
 GCAAGTGATTGCTTCCGTTTTCAAGATTGGTCTAGTAGTTAA
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	Sgfl-MluI
ACCN:	NM_018698
Insert Size:	594 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_018698.4</u>
RefSeq Size:	2713 bp
RefSeq ORF:	594 bp
Locus ID:	55916
UniProt ID:	<u>Q9NPJ8</u>
Cytogenetics:	Xq23
Domains:	NTF2
MW:	22.7 kDa
Gene Summary:	<p>The protein encoded by this gene contains a nuclear transport factor 2 (NTF2) domain, which plays an important role in the trafficking of macromolecules, ions, and small molecules between the cytoplasm and nucleus. This protein may also have a role in mRNA nuclear export. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene. [provided by RefSeq, Jun 2011]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (1).</p>