

Product datasheet for **MC213035**

Nxt2 (NM_001161430) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Nxt2 (NM_001161430) Mouse Untagged Clone
Tag: Tag Free
Symbol: Nxt2
Synonyms: 6330587F24Rik; AI787442; P15-2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC213035 representing NM_001161430
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCCTTGGCAGTGAATTTTAAACTTATGTGGATCAGGCATGTAGAGCTGCCGAGGAATTTGTCAATA
TTTACTATGAGACAATGGACAAAAGACGACATGCCTTGTGAGGCTGATTTGGACAAAGCCACTCTAAT
CTGGAATGGAAATGTTGTTACAGGGCTGGAAGCCCTTGCTAATTTTTTTGAGATGTTGCCTCCAGCGAA
TTCCAGATCAATATGTTAGATTGCCAACCAAGTTCATGAGCAAGCTACCCAGTGCCAAACTACAGTGCTCG
TTGTGACCAAGTGGAGTTGTGAAGTTTGTGAAACAAGCAGCACTTCTTTAACCGAACTCCTGCTGAC
TGCGCAGAGCACTCCTAACAGCACTGTGTGGAAGATTGCAAGTATTGCTTCCGTTTTCAAGATGGGCT
AGTATT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001161430
Insert Size: 429 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:	<u>NM_001161430.2, NP_001154902.1</u>
RefSeq Size:	2455 bp
RefSeq ORF:	429 bp
Locus ID:	237082
UniProt ID:	<u>Q3UNA4</u>
Cytogenetics:	X F2
Gene Summary:	Regulator of protein export for NES-containing proteins. Also plays a role in mRNA nuclear export (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR, compared to variant 1. Variants 1 and 2 encode the same isoform (a).