

Product datasheet for **MC220129**

Dytn (NM_001081658) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dytn (NM_001081658) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dytn
Synonyms:	Gm215
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC220129 representing NM_001081658
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACCAAGTAAACAAGTACTCTTAATAGAGTTGAGAATTCTGTCTATAGAACAGCCTTCAAATTAC
 GATCTGTGCAAACTCTTTGCCAATTGGACTTGATGGACAGCTTCCTGATTCAGCAGGTTCTATGGCGTGG
 ACGTTCTGGGAGAGCACAGAGACCTCCATTTCTGTGCAGCAGCTTTTTTCAGGAGCTCCGGGAGCTGTTT
 CAGCGCACTGGGATGGGAAATGCAGCCCAAGTGCACCCAAGAGCACCGGAGCTCACCTGAGTCTTCTCA
 TGGCCATGTTTGACAGAACAGGATCAGGTATTCTTAAACGTCAACCTGTGGCTGTGCACTGGTTGCCCT
 CTCGGGGACAGCCCTTTACAAAGTACAGAGCTTTTTTCCAGCTCTATGCGGAAAAGAACAGGAGAGGC
 GATGATCCCAAGCCCGCATGACCCGAAGAGTTTTGAGAGCCTTACTAACAGATCTACAGCAGATCCCGA
 CTGTCGTGGGAGAGAGCTACACGTTGCGTCCCGTGGAAAGTGCTATCCACAGCTGCTCCGAGGGGTGTT
 GAGCTCTGGAATCAAGGAAGAGAAATTTCTGTCTTGGGCACAGTCTGAGCCTCTGGTCTCTTGTGGCTC
 CCAACTTGCTACCGCCTGTGAGCCGCGGAAACAGTCACTCACCTGTGCGGTGCAGTGTCTGCAGAACCT
 TCCCGATCATAGGACTGAGATACCATTGTCTAAAGTGCCTGGACTTTGACATCTGTGAGCTGTGTTTCTT
 ATCTGGTCTCCACAAAAATCCCACGAGAAGTCCACACTGTGATGGAGGAATGTGTCCAGATGTGACGA
 ACAGAGAAATACAAAACCTCTTTCAGGAGTCTCAGAAAACACCTGCCTCAGAAAACGCCAGAGGGTAGGAG
 CTGTGGGAGACAGTGGCTGTGGACCAGCTGGCTTCAAGGGACTCAGCTAGCCACGGGCCAGCCAGGCT
 TTGCCCTCAGTATAAATGTCTTAAAGCCCAAGGGTATGCAAGTCAAGAAGAGCAGTGGAAAACAGCAGCC
 ACCGGAGTCTGTGTCAAAGCCATCGCTGCTGCAAGGGAATCACAACCGCATGGCCAGACCATAG
 TCAACATTAAGAATGAGCTGTGGAGGACTCGTGACTCTCAACACTCTGCTCAGGAAAGAAGGCTCTCT
 TAGGAAAACAGTTACATAGGTACAAGCAGAAATTGCAAGGCACATATGCCTTACAGGAAGAACAAGACTGC
 AGATTTGAAACAAAGATTCGGGAGCTCACAACCAACCAAGATAACCTATGGACCAAGCTACAGCAGATGA
 GACGAGACCTACAGGCAATGTTGCAGCCACTCCATCCTTCTTCTCCTCAAACACAGCATCCAAGAT
 TTTCCATTCTTACCAGATGATGGCATAACGAGAGGAGGTGACTTCCACATCAAGAGGGTCACTAGG
 GATGGTCCAGAATGGAACTGCTTCTAACTCTGCCAAGGTGGACAGAAAACGACAAATGTCAAGCAAGTT
 CAGGGAAAGCTCTACCAGACTCTGAACCAAGAGATCATTGCAAAGCACTAGGAAACAAAATCACCC
 ACAAAGATGCTGAGCAAAGTCCATAGTCCCCATCTGCTCACCAGCAGGACACTCTCCAGATTCCTCCT
 ACTGAAGTAAAGATCCCTGCTCAAACACTTTCAGCAGGAAAGAGATGGAGAGCTGCAGTAAAAGAGGA
 ACAACCTGGAAGATGAGGAGCTACAAGCACTGTTGCCCGACTCCTGGATGCCTTTGACCTAGACTCGCC
 AACAGGCTCTGAGCCTTTGATGGACATGGAGCTGTATGGTAGAGCCCAGCAGGTGTGAGGGCCTTCTCT
 GTCCTTGTGGATCAAATCACCTTGCCCACTGGAGTGAAGAAGAATCCAGACTCAAAGGCCCTTGGTGT
 GA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001081658
- Insert Size:** 1962 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).
- 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:

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_001081658.1](#), [NP_001075127.1](#)

RefSeq Size: 2427 bp

RefSeq ORF: 1962 bp

Locus ID: 241073

UniProt ID: [A2CI98](#)

Cytogenetics: 1 C2