

## Product datasheet for MC225479

### Nbdy (NM\_027327) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Nbdy (NM\_027327) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Nbdy  
**Synonyms:** 2210013O21Rik; AI181827; Thp5  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Fully Sequenced ORF:** >MC225479 representing NM\_027327

Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGCATCGCC

ATGCTAAAGGCTCATCTTATATTTTCTACCCATTGACCATTTCTCTATTTGACTGTGCCACTTGGAGAC  
 CGTATTTACAACTGAGTATTATGATGTAATGACTGTGATTTCACCTCCAGAATTGGA TGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_027327  
**Insert Size:** 132 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).

**OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

**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).



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**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\\_027327.1](#), [NP\\_081603.1](#)

**RefSeq Size:** 856 bp

**RefSeq ORF:** 132 bp

**Locus ID:** 70123

**Cytogenetics:** X F3

**Gene Summary:** The protein encoded by this gene is a 43 aa peptide produced by early activated CD4+ T cells. The encoded protein helps regulate the differentiation of these cells into T helper 2 (Th2) cells. The solution structure of this protein is similar to that of vasoactive intestinal peptide, which plays a role in the differentiation of Th2 cells and Treg cells. [provided by RefSeq, Jun 2012]