

## Product datasheet for **RN208311**

### Thbd (NM\_031771) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Thbd (NM_031771) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Thbd
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >RN208311 representing NM\_031771  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCTTGGGGTTTTCTTCTGGGTGTGCTGGCTCCAGCTGGCCTGGGGATCTCTGCACTAGCCAAGCTGC  
 AGCCCAAAGGCAGTCAATGCGTGGGGAATGAGTGCCTTCGCGCTTTTCCAGGACCCCGTGACCTTCCTCGA  
 TGCCAGCCAGGCCTGCCAGCGCCTGCAGGGACATTTGATGACAGTGCCTCCTCGGTGGCTGCGGATGTC  
 ATCTCCCTTCTGGTGAGCGACAGTAGTATGGACTCACGGCCCTGGATCGGTTTACAGCTCCCTCAGGGCT  
 GTGGTGACCCGGTGCATCTCGGGCCCTGCGCGGCTTCCAGTGGGTTACTGGGATAACCACACCAGTTA  
 CAGCAGGTGGGCGCGGCCAACGACCAGTGCCTCCACTTTGCGGTCCGCTGTGCGTCACGGTCTCAACA  
 GCAACAGAAGCTGCACCAGGCGAGCCGGCTGGGAAGAGAAGCCGTGCGAGAACGAGACCAAGGGTTTTTC  
 TCTGCGAGTTTTACTTTCGAGCTTTCTGCAGGCCTTTACGGGTGAATACCCGAGATCCTGAGGGTGCCCA  
 CATCTCTAGCACCTACAATACCCATTGGGGTGCAGCGCGCGGATTTTTCAGACGCTGCCGATAGGCAGT  
 TCTGCTACCGTGGCGCCCTTTGGCTTGGAGCTGGTGTGCAGGGCCCTGCCCGAACTTCAGAGGGACACT  
 GGACTCGGGAAGTGACAGGAGCTTGAACCTGCAGCGTGGAGAATGGTGGCTGCGAGTACATGTGCAACAG  
 GAGCGCTAACGGACCCAGATGCGTCTGCCCCAGCGCGGGGACCTGCAGGCTGATGGCCGTTCTGTGCGCA  
 AAACCTGTGGCTCAATTGTGCAACGAACTCTGCCAGCATTTTTGCGTCAACAACCTCTGATGTGCCAGGCT  
 CTTATTCCTGTATGTGCGAAACAGGCTACCAGTTGGCGGAGACGGACATCGGTGTGAGGACGTGGATGA  
 CTGTAAGCAGGGGCCAATCCATGCCCTCAGCTCTGTTCTAACACCGAGGGCGGCTTCGAATGCCGCTGC  
 TATGATGGCTATGAGTTGGTGGACGGAGAGTGCCTGGAGCAACTGGATCCGTGCTCAGATCTAAATGCC  
 AGTATCAGTGCCAGCCAGTAACTCCACGCACTACAATTGCATCTGTGCTGAGGGCTTCGCACCTAAGCT  
 GGATGATCCCGACAGGTGCGAAAATGTTCTGCAATGAACTTCGTGCCAGCAGACTGTGACCCCAACTCC  
 CCAAGCTTTTGTCAATGCCCTGAGGGCTTCATCCTGGACGAGGGTTCCATATGCACAGACATTGATGAGT  
 GCAGTCAAGGCGAATGCCTCACCAATGAATGTCGAAACCTTCTGGCTCCTATGAGTGCATCTGCGGACC  
 TGACACAGCCCTTGCTGGTCAGATTAGCAAGGACTGTGACCCCATCCCTGTTCTGGAGGACTCAGAGGAT  
 GGTGGCTCTGGGAGCACCCATCAAGCAATCCGACGGTAGTCTCTTCGACAGTTCCTCCCTTCTGCAAGAC  
 CAATGCACTCTGGTGTGCTCATTGGGATCTCCATTGCCAGCCTGTCCCTGGTGGTGGCGCTTTTGGCGCT  
 TCTTTGTCACCTGCGCAAGAAGCAGGGCACTGCTCGCGCAGAGCTGGAGTACAAGTACCTCTTCAGCC  
 AAGGAGTACTGACGACAGTGCAGGACTGATCGGACGCTGCAGAAGTCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_031771
- Insert Size:** 1734 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\\_031771.2](#), [NP\\_113959.1](#)

**RefSeq Size:** 3680 bp

**RefSeq ORF:** 1734 bp

**Locus ID:** 83580

**Cytogenetics:** 3q41

**Gene Summary:** cell surface glycoprotein; plays an important role in the protein C anticoagulant pathway [RGD, Feb 2006]