

Product datasheet for RN217522

Thbs2 (NM_001169138) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Thbs2 (NM_001169138) Rat Untagged Clone
Tag: Tag Free
Symbol: Thbs2
Synonyms: TSP-2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN217522 representing NM_001169138
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGCTCTGGGCACTGGCCCTGCTGGCTCTGGGCATAGGGCCAAGAGCTTACGCTGGTGACCACGGCGAGG
 ACACAGCATTGACCTTTTCAGCATCAGCAACATTAACCGGAAGACCATCGGTGCCAAGCAGTTCGGAGG
 GCCCGACCCCGGTGTGCCCGCTACCGTTTTGTCCGGTTGACTACGTCCCCCAGTGAATACAGACGAC
 CTCAACAGGATCGTTAAGCTTGCAAGGAGAAAGGAGGGCTTCTTCTCACAGCCAGCTGAAGCAGGACC
 GCAAGTCTCGGGGAACACTCCTGGTGTGGAAAGTCCCGGCACCTCCAGAGGCAGTTTGTAGATTGTGTC
 CAATGGCCAGGGGATACCTTGGACCTCAACTACTGGGTAGAAGGCCACCAGCATACCAACTTCTGGAG
 GATGTGGGTCTGGCTGACTCCCAGTGAAGAATGTGACTGTGCAGGTGGCCAGTGACACCTATAGCCTGT
 ATGTGGGTGTGATCTTATTGACAGTGTCAACCTGGAAGAACCCTTCTATGAGCAGCTGGAAGCAGACAA
 GAGCAGGATGTACGTGGCCAAGGGTGCATCTCGAGAGAGTCACCTCAGGGGCTTGTGTCAGAAATGTCCAT
 CTCGTGTTTGCAGATTCTGTGGAAGATATTCTAAGCAAGAAAGGCTGTCAACACAGCCAGGGAGCTGAAG
 TCAACACCATCAGTGAACATACAGAGACACTCCACCTGAGCCCTCACATCACCACAGATCTGGTGGTCCA
 GGGTGTGGAAGGACAGGAGGTGTGTACGCACTCCTGTGAAGAGCTGAGCAACATGATGAACGAGCTG
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 TTTTGGAGCTCATTGGGGCCCTCTGAAGACAAGAAACATGTCGGCCTGTGTGCAGGAGGGACGGATCTT
 TGCAGAAAACGAAACCTGGGTTGTGGATAGTTGTACCACCTGCACCTGCAAGAAATTTAAAACAGTCTGC
 AATCAAATCACCTGCTCACCTGCAACTTGTGCCAACCCTTTTGGTGGAAAGGCGAGTGTGTCCATCCT
 GTTCCCCTCTGCAGACAACGATGAGGGTGGTCTCCGTGGCCAGAGTGGACCGAGTGTCTGTACCTG
 TGGCTCTGGGACCCAGCAGAGAGGCCGGTCTTGTGATGTCACCAGCAACACCTGCCTGGGCCCTCCATT
 CAGACAAGGACATGCAGTTTGGCAAAATGTGATACGAGAATCCGTGAGAAATGGAGGCTGGAGTCACTGGT
 CACCCTGGTCTTCTGTGCTCCGTGACTTGTGGAGTTGGCAATGTCACCCGATACGTCTCTGCAACTCACC
 AGTGCCCCAAATGGGTGGCAAGAACTGCAAGGGCAGTGGCCGGGAAACCAAGGCCTGCCAGCGTGTCCA
 TGCCCAATTGATGGCCGCTGGAGCCCCTGGTCCCCTTGGTCCAGCTGCACAGTTACCTGTGCTGGAGGGA



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TCCGTGAGCGCACACGTGTTTGCAACAGCCCTGAGCCCCAGTATGGAGGGAAGGATTGTGTCGGGGATGT
 GACAGAACACCAAATGTGCAACAAGAGGAGCTGCCCTATTGATGGATGCCTATCCAACCCGTGTTCCCT
 GGAGCCAAGTGCAACAGCTTCCCGATGGCTCCTGGTCTGTGGTTCTGCCAGTGGGCTTTCTGGGCA
 ATGGCACCCACTGTGAGGACCTGGATGAGTGTGCTGTGGTCGCAGATATCTGCTTCTCAATTAACAAAGC
 TCCCGCTGTGTCAACACCAACCCTGGCTTCCACTGCCTGCCTTGTCCGCCACGCTACAAGGGGACCCAA
 CCCTTCGGGATTGGCCTGGAGGATGCTAAAACAGAAAAACAAGTATGTGAGCCAGAGAATCCGTGCAAGG
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 GTGCGAGTGCCAGACTGGCTATGCAGGTGATGGGCTCATCTGCGGGGAGGACTCAGACCTGGACGGTTGG
 CCCAACAGCAACCTGGTGTGTGCTACCAATGCCACCTACCACTGCGTCAAGGACAACCTGCCCAAATGC
 CAAATTCTGGGCAGGAGGATTTTGATAAGGACGGAATCGGAGATGCTTGCAGCAGGACGATGATAACGA
 CGGCGTGAGCGATGAGAAGGACAATTGCCACTTCTTCAATCCCCGCAATTAGACTATGATAAGGAT
 GAGGTTGGAGACCGCTGTGACAATTGCCCTATGTGCACAACCAAGCACAGATCGACACGGACAACAACG
 GTGAAGGGGACGCTGCTGTGGATATCGACGGGGATGATGTTTCAATGAGCGAGACAATTGCCCGTA
 TGTCTACAACACTGACCAGAGAGACACAGACGGTGACGGCGTTGGGGACCACTGTGACAACCTGCCTCTG
 ATGCATAACCCAGATCAGATGGATCAGGACAATGATCTCGTTGGAGACCAGTGTGATAACATGAGGACA
 TAGATGATGACGGCCACCAGAACAACCAAGACAACCTGCCATACATCTCCAACCTCAACCCAGGCTGACCA
 TGACAATGACGGCAAGGGGGATGCCTGTGACTCCGATGATGACAACGATGGTGTTCAGATGACAGGGAC
 AACTGCAGGCTTGTGTTCAACCCGACCAGGAAGACTCGGATGGCGACGGCCGAGGTGATATTTGTAAGG
 ATGACTTTGACAATGATAATGTCCCAGATATTGATGACGTGTGCCCGAGAACAAATGCCATCACCAGAC
 AGACTTCAGAACTTTCAGATGGTCCCTCTGGATCCCAAGGGGACCACACAAATTTGATCCCAACTGGGTA
 ATTCGTACCAAGGCAAGAGCTGGTGCAGACAGCAAACCTCGGACCCTGGCATCGCCGTAGGTTTCGATG
 AGTTTGGGTCTGTGGACTTCAGCGGCACCTTCTATGTCAACACTGACCGGACGATGACTACGCCGGCTT
 CGCTTTTGGCTATCAGTCAAGCAGCCGCTTCTATGTGGTGTGTTGGAAGCAGGTGACCCAGACCTACTGG
 GAAGACAAGCCAGTCCGGCTTACGGCTACTCTGGTGTGTCACCTCAAAGTAGTAAACTCCACGACTGGTA
 CTGGCGAGCACCTGAGGAATGCCCTGTGGCACACGGGAAACACGGAAGGCCAGGTTTCAACTCTATGGCA
 TGACCCCAAAAACATTGGCTGGAAGGACTACACCCCTACAGGTGGCATCTGATTCACAGGCCTAAGACA
 GGCTACATGAGAGTCTTAGTGATGAAGGAAAGCAGGTGATGGCTGACTCAGGACCAATTTATGACCAAA
 CTTATGCTGGTGGACGGCTGGTCTGTTTGTCTTCTCCCAAGAAATGGTCTACTTCTCAGACCTCAAGTA
 TGAGTGCAGAGATGCCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001169138
- Insert Size:** 3519 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).

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_001169138.1, NP_001162609.1

RefSeq Size: 5728 bp

RefSeq ORF: 3519 bp

Locus ID: 292406

Cytogenetics: 1q12