

Product datasheet for RN200092

Tacc2 (NM_001004415) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Tacc2 (NM_001004415) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Tacc2
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN200092 representing NM_001004415
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGGCAACGAGAACAGCACCTCGGACCACCAGAGGACTTCTTCAGTTCAGAGTCTAAGATCACTGCAGC
 CACCCGGGAACAGTCAAACCTCCACAGAAGCAAGGAGACTCACCTGGATCCGGCGCTGCAAGCACTGGGCT
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CGTGGGGACACTGAGAAAGATGACATTTTCAGAGCTACACAGTAATAAAGAGAACAAGATTGTCCCCAGCT
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 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001004415

Insert Size:	8505 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:	<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_001004415.2</u> , <u>NP_001004415.1</u>
RefSeq Size:	9192 bp
RefSeq ORF:	8505 bp
Locus ID:	309025
Cytogenetics:	1q37
Gene Summary:	<p>This gene encodes a member of the transforming, acidic coiled-coil (TACC) family of proteins. Members of this family are centrosomal proteins that interact with microtubules and tubulin. TACC proteins are thought to be involved in centrosome/mitotic spindle dynamics and gene regulation. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (1), also called the long form, represents the longer transcript.</p> <p>Sequence Note: This RefSeq record was created from genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were predicted based on rat transcript alignments and on homologous protein alignment with mouse NP_001004468.1.</p>