

Product datasheet for **RC225307**

TOR2A (NM_001134430) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: TOR2A (NM_001134430) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: TOR2A
Synonyms: TORP1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC225307 representing NM_001134430
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGCTGCGACGCGCGGCTGCCGGCCCTGGGGCTCGCTCCTCGGGCTGCTCGGGCTGGTCTCGGCCG
CGGCCCGCCCTGGGACCTGGCTTCCCTGCGCTGCACCTGGGCGCCTTTTGGGAATGCGACTTCCGGCC
CGACTTGCCGGGTCTGGAGTGTGACCTGGCTCAGCACCTGGCCGGCCAGCATCTGGCCAAGGCGCTGGT
GTGAAGGCGCTGAAGGCCTTTGTGCGGGACCCAGCCCCACCAAGCCGCTGGTCTCTCCCTGCACGGCT
GGACCGGCACCGCAAATCCTATGTGAGCTCCCTGCTGGCGCACTACCTCTCCAGGGCGGCTCCGCAG
CCCCCGGTGCACCACTTTCTCCCGTCCCTCCACTTCCCCACCCAGCCACATCGAGCGCTACAAGAAG
GATCTGAAGAGCTGGGTCCAAGGGAACCTCACTGCCTGTGGCCGCTCCCTCTTCCCTTCGATGAGATGG
ACAAGATGCCCCAGGCCTGATGGAAGTCTGCGGCCCTTCTGGGCTCCTCCTGGTGGTATACGGGAC
CAATTACCGCAAAGCCATCTTCACTTTCATCAGATGGCTTCTCAAACCTCGGGCATCATGGAAGAGCGCT
CCTAGACGAGTGGTGCCTTCTCCCGTCCAGCGGCACCACGTCGGCACTGCGTGCTCAACGAGCTG
GCCAGCTGGGCTGGAGCCAAGGGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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_001134430.3](#)

RefSeq Size: 1460 bp

RefSeq ORF: 729 bp

Locus ID: 27433

UniProt ID: [Q5IU69](#)

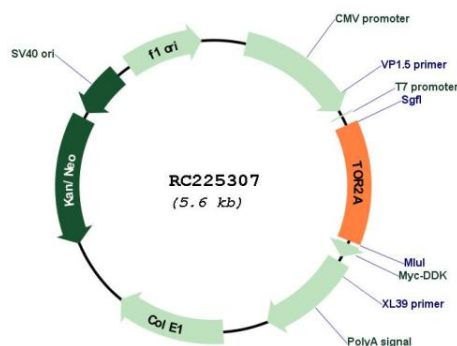
Cytogenetics: 9q34.11

Protein Families: Secreted Protein, Transmembrane

MW: 26.3 kDa

Gene Summary: This gene encodes a member of the AAA family of adenosine triphosphatases with similarity to Clp proteases and heat shock proteins. Alternative splicing at this locus results in the translation of multiple isoforms of the encoded protein, some of which contain salusin peptides in the C-terminal region. These peptides may play roles in hypotension, myocardial growth and the induction of mitogenesis, and may also be involved in the pathogenesis of atherosclerosis. The antimicrobial peptide salusin-beta has antibacterial activity. [provided by RefSeq, Nov 2014]

Product images:



Circular map for RC225307