

Product datasheet for **RC205523**

TSACC (NM_144627) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Tag: Myc-DDK

Symbol: TSACC

Synonyms: C1orf182; SIP; SSTK-IP

Mammalian Cell Selection: Neomycin

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

ORF Nucleotide Sequence: >RC205523 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGCGGCACACTAGTCATCCTAACAGAAAAGTTCCAGCCAAAGAGGAAGCTAATGCTGTGCCTCTCT
GTAGAGCAAAACCCTCCCCAGCTATATTAATCTTCAAGCAAGTTCCCCACCAGCCACTTTTCTGAACAT
CCAGACAACAAAGCTGCCTCGGTTGATCACAAGCCCAAGGAATGCCTAGGACTCCTGGAATGTATGTAT
GCAAACCTCCAGCTTCAGACCCAGCTCGCCCAACAACAGATGGCTGTTTTGGAACATTTACAGGCATCTG
TGACACAACCTGGCTCCTGGGAGGGGAAGCAATAACTCTTCTCTCCAGCCTTATCTCCTAATCCATTGTT
AAATCACCTGCCCAATTACAGTAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC205523 protein sequence
Red=Cloning site Green=Tags(s)

MERHTSHPNRKVPAKEEANAVPLCRAKPSYINLQASSPPATFLNIQTTKLPSVDHKPKECLGLLECMY
ANLQLQTQLAQQMVALEHLQASVTQLAPGRGSNNSSLPALSPNPLLNLHPQFSK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

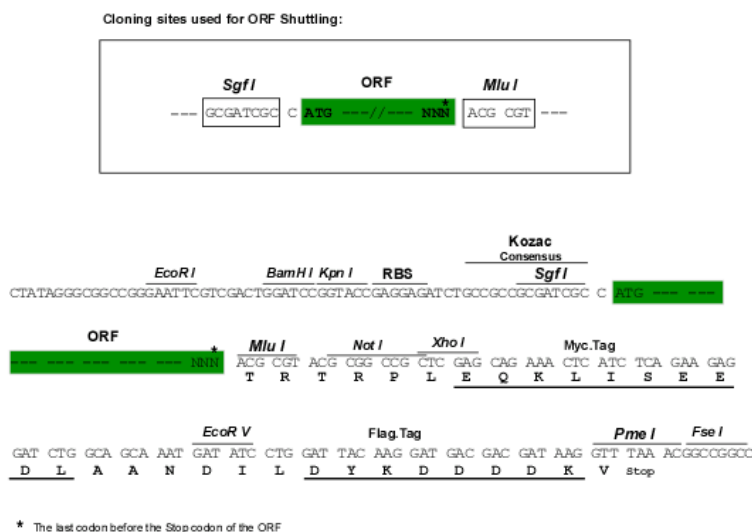
Chromatograms: https://cdn.origene.com/chromatograms/mk6315_d06.zip

Restriction Sites: SgfI-MluI



[View online »](#)

Cloning Scheme:



ACCN: NM 144627

ORF Size: 375 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

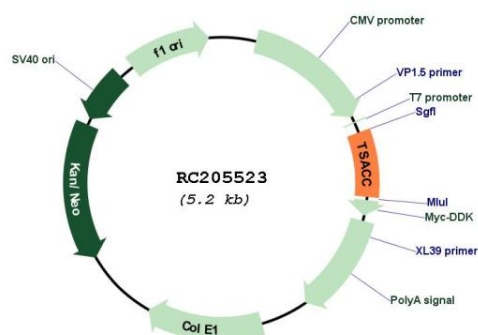
RefSeq: [NM_144627.4](#)

RefSeq Size: 764 bp

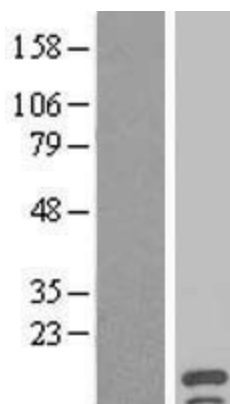
RefSeq ORF: 378 bp
 Locus ID: 128229
 UniProt ID: [Q96A04](#)
 Cytogenetics: 1q22
 MW: 13.7 kDa

Gene Summary: Co-chaperone that facilitates HSP-mediated activation of TSSK6.[UniProtKB/Swiss-Prot Function]

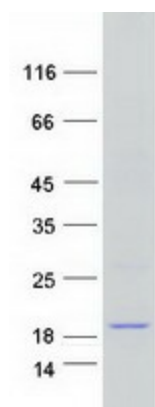
Product images:



Circular map for RC205523



Western blot validation of overexpression lysate (Cat# [LY408258]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC205523 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified TSACC protein (Cat# [TP305523]). The protein was produced from HEK293T cells transfected with TSACC cDNA clone (Cat# RC205523) using MegaTran 2.0 (Cat# [TT210002]).