

Product datasheet for RC211345

UTS2D (UTS2B) (NM_198152) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: UTS2D (UTS2B) (NM_198152) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: UTS2D
Synonyms: U2B; URP; UTS2D
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC211345 representing NM_198152
Red=Cloning site **Blue**=ORF **Green**=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAACAAGATCCTCTCAAGCACTGTTTGCTTTGGACTCCTAACTTTGTTATCCGTGTTGAGTTTTTAC
AATCTGTGCATGGACGACCATATCTTACCCAAGGAAATGAAATATTTCCAGATAAAAAATATACAAATCG
TGAGGAATATTGCTGGCTCTACTGAATAAAAAATTTGATTTCCAAAGACCTTTCAACACTGACCTAGCC
TTACCTAACAACTGGAAGAACTTAACCAGCTGAAAAGCTAAAAGAACAGCTAGTGAGGAGAAGGATT
CTGAGACGTCCTATGCTGTAGATGGTCTATTCTCTCTCATCCTAGCAAACGAGCTTGCTTTTGAAATA
CTGTGTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC211345 representing NM_198152
Red=Cloning site **Green**=Tags(s)
MNKILSSTVCFGLLTLVLSFLQSVHGRPYLTQNEIFPDKKYTNREELLLALLNKNFDFQRPFNTDLA
LPNKLEELNQLEKLEQLVEEKDSETSAYVDGLFSSHPSKRACFWKYCV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8104_c08.zip

Restriction Sites: SgfI-MluI



[View online »](#)

Cloning Scheme:


ACCN: NM_198152

ORF Size: 357 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.

RefSeq: [NM_198152.4](#)

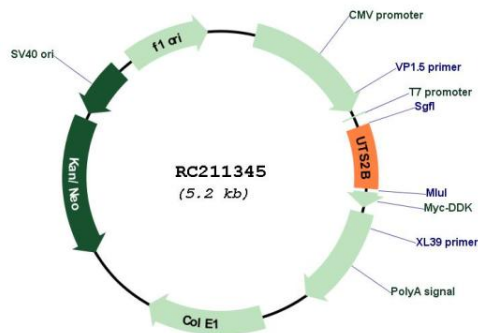
RefSeq Size: 2408 bp

RefSeq ORF: 360 bp

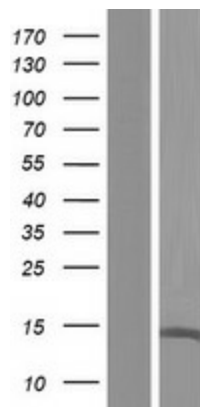
Locus ID: 257313

UniProt ID: [Q76510](#)

Cytogenetics: 3q28
Protein Families: Druggable Genome, Secreted Protein, Transmembrane
MW: 13.7 kDa
Gene Summary: Potent vasoconstrictor.[UniProtKB/Swiss-Prot Function]

Product images:


Circular map for RC211345



Western blot validation of overexpression lysate (Cat# [LY405063]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC211345 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).