

Product datasheet for **RG211345**

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: TurboGFP
Symbol: UTS2B
Synonyms: U2B; URP; UTS2D
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG211345 representing NM_198152
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAACAAGATCCTCTCAAGCACTGTTTGCTTTGGACTCCTAACTTTGTTATCCGTGTTGAGTTTTTTAC
 AATCTGTGCATGGACGACCATATCTTACCCAAGGAAATGAAATATTTCCAGATAAAAAATACAAATCG
 TGAGGAAGTATTGCTGGCTCTACTGAATAAAAAATTTGATTTCCAAAGACCTTTCAACACTGACCTAGCC
 TTACCTAACAACTGGAAGAACTTAACCAGCTGAAAAAGCTAAAAGAACAGCTAGTGAGGAGAAGGATT
 CTGAGACGTCCTATGCTGTAGATGGTCTATTCTCTCTCATCCTAGCAAACGAGCTTGCTTTGGAAATA
 CTGTGTT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG211345 representing NM_198152
 Red=Cloning site Green=Tags(s)
 MNKILSSTVCFGLLTLLSVLSFLQSVHGRPYLTQNEIFPDKKYTNREELLLALLNKNFDFQRPFNTDLA
 LPNKLEELNQLEKLEQLVEEKDSETSAYVDGLFSSHPSKRACFWKYCV

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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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:	<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:	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
Gene Summary:	Potent vasoconstrictor.[UniProtKB/Swiss-Prot Function]