

Product datasheet for MC212668

Uts2r (NM_145440) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Uts2r (NM_145440) Mouse Untagged Clone
Tag: Tag Free
Symbol: Uts2r
Synonyms: Gpr14; UR-2-R; UTR; UTR2
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC212668 representing NM_145440
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGCTGAGCCTGGAGTCTACAAGCTTCCCCATGCTGGCCGTGTCCAGAAGCACTGCGTCTGAGCTTC
 CTGGTGGCTTTAATGTGTCCCACAACAGTTCCTGGACTGGCCCAACAGATCCCAGCTCCCTGCAAGACCT
 TGTGGCCACCGGTGTCATCGGGCAGTGTCTCAACCATGGGTGTGGTGGGCGTGGTGGCAATGTGTAC
 ACTCTGGTGGTCACTGTGCCGATTTCTGCGTGCCTCGGCCCTCCATGTACGTCTATGTGGTCAACCTGGCC
 TGGCTGACCTGTGTATCTGCTGAGCATTCCCTTCATCGTAGCCACCTACGTCACTAAGGACTGGCACTT
 CGGGGACGTGGGCTGCCGAGTTCTTTAGCCTGGACTTCTGACAATGCATGCCAGCATCTTCACCCTG
 ACCATAATGAGCAGTGAACGCTATGCAGCAGTACTGAGGCCCTGGACACCGTCCAGCGCTCCAAGGTT
 ACCGTAAGCTGTTGGCGCTGGGCACCTGGTTGCTGGCACTGCTGCTGACCTTACCCATGATGCTTGCCAT
 CCGGCTGGTCCGTAGGGGCTCTAAGAGCCTCTGCCTGCCAGCCTGGGGCCCTCGTGCCACCGTACCTAC
 CTGACGCTGCTCTTTGGGACCAGCATTGTGGGGCTGGCTGGTCACTGGGCTGCTATATCCGTCTGG
 CCAGGGCCTATTGGCTATCCCAGCAAGCTTCTTCAAGCAGACACGGCGGCTGCCAACCCAGGGTTCT
 CTACCTCATCCTTGGTATCGTCTTCTTCTGGGCATGCTTTCTGCCCTTCTGGCTATGGCAGCTGCTG
 GCCAGTACCACAGGCCATGCCACTGACACCCGAGACTGCACGCATCATCAACTACCTGACTGCCCTGCC
 TCACTTACGGCAACAGCTGCATCAATCCCTTCTTCTACTCTGCTCACCAAGAACTACCGTGAGTACCT
 CGGTGGCCCGCAGCGGTCACTGGGTAGCAGTTGCCGTGGCCAGGGAGTGTGGCAGCTTCTGTCCAGC
 CGTGTCCACCTCCAGCAGGACTCGGGCCGCTCACTGTCTCCAACAGCCAACAGGCCACAGAGACCCCTCG
 TGCTGTCTCCAGTTCCCCTAATGGGGCCTTTGTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_145440
Insert Size:	1158 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:	NM_145440.1 , NP_663415.1
RefSeq Size:	1703 bp
RefSeq ORF:	1158 bp
Locus ID:	217369
UniProt ID:	Q8VIH9
Cytogenetics:	11 E2
Gene Summary:	High affinity receptor for urotensin-2 and urotensin-2B. The activity of this receptor is mediated by a G-protein that activate a phosphatidylinositol-calcium second messenger system (By similarity).[UniProtKB/Swiss-Prot Function]