

Product datasheet for **MG221275**

Uprt (NM_001081189) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Uprt (NM_001081189) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Uprt
Synonyms: Gm774
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG221275 representing NM_001081189
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCTCGGAGTTACAGCGTCCGGACTCCATGCCCTGTCACAATCGGCAAGTAACTCTACTTCTAGCC
CAAGTCCCAGCATCTGCTAGCCGAGGACCGGGTCTGGATCATGCAGAGGAAAATAACGCTGCTATGGC
TAAGCTGACTCTCCTCCCTGGGCACGCCATTCTAGCGTGCTTTCGGAGCGGGACTCTCCGGCTGCTGC
AGCACTAATCTTCACTCTGAGAACCACAGTGACAGTAGTACAGTGGCAACTACGATGCACCTGTCGGCC
GCGACTCCCTGCTAGGGGACTGTGAACCTCCCGACAGATTGGGGCTCAGCTTAAGTTGCTGCCTATGAA
TGATCAGATCCGGGAGCTTCAGACTATCATCCGGGACAAGACAGCCAGTAGAGGGGACTTCATGTTTTCT
GCAGATCGCTTGATCAGACTTGTGTAGAAAGGGACTGAATCAGCTGCCATATAAAGAATGTATGGTGA
CCACTCCGACAGGGCACAAGTATGAAGGAGTGAATTTGAGAAAGGAAATTTGGGGTCCAGCATAATGAG
AAGTGGTGAGGCAATGGAACAAGTTTGCAGACTGCTGTTCGATCCATACGGATTGGGAAGATCCTGATT
CAGAGTGATGAGGAGACAAAAGGGCAAAGTATATTATGCCAAGTCCCCCAGACATTCATCGCAGAA
AAGTCCTTCTGATGTATCCAATCTCAGTACTGGAATACTGTAATTGAAGCTGTAAGGTTCTTATAGA
ACATGGTGTTCAACCCAGTGTTATTATCCTACTCAGTCTCTTCTCCACCCACATGGTGCCAAATCAATC
ATCAAGAATTTCCAGAGATCACAATTTAACTACAGAAGTCCATCCTGTTGCACCTACACATTTGGAC
AGAAATACTTTGGAACAGAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG221275 representing NM_001081189
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MASELQRPDSMPCHNRQVNSTSSPSPELLAEDRVLDHAEENNAAMAKLTLLPGHAHSSVLSERDSPACC
 STNLHSENHSDSDSGNYDAPVGGDSL LGDCEL SRIGIQAQLKLLPMNDQIRELQTIIRDKTASRGDFMFS
 ADRLIRLVVEEGLNQLPYKECMVTTPTGHKYEGVKFEKGNCGV SIMRSGEAMEQGLRDCCRSIRIGKILI
 QSDEETQRAKVYAKFPDDIHRKRVLLMPILSTGNTVIEAVKVLIEHGVQPSVILLSLFSTPHGAKSI
 IQEFPEITILTTEVHPVAPTHFGQKYFGTD

TRTRPLE - GFP Tag - V

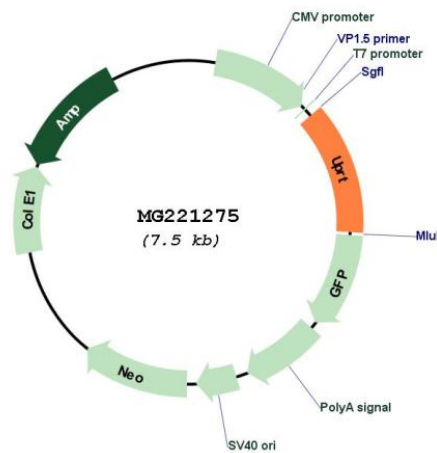
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:



ACCN: NM_001081189

ORF Size: 930 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:	<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_001081189.3
RefSeq Size:	1112 bp
RefSeq ORF:	933 bp
Locus ID:	331487
UniProt ID:	B1AVZ0
Cytogenetics:	X D