

Product datasheet for MR221275

Uprt (NM_001081189) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Uprt (NM_001081189) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Uprt
Synonyms:	Gm774
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR221275 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCTCGGAGTTACAGCGTCCGGACTCCATGCCCTGTCACAATCGGCAAGTAACTCTACTTCTAGCC
CAAGTCCCAGCATCTGCTAGCCGAGGACCGGGTCTGGATCATGCAGAGGAAAATAACGCTGCTATGGC
TAAGCTGACTCTCCTCCCTGGGACGCCATTCTAGCGTGCTTTCGGAGCGGGACTCTCCGGCTGCTGC
AGCACTAATCTTCACTCTGAGAACCACAGTGACAGTAGTGACAGTGGCAACTACGATGCACCTGTCCGGC
GCGACTCCCTGCTAGGGGACTGTGAACCTCCCGACAGATTGGGGCTCAGCTTAAGTTGCTGCCTATGAA
TGATCAGATCCGGGAGCTTCAGACTATCATCCGGGACAAGACAGCCAGTAGAGGGGACTTCATGTTTTCT
GCAGATCGCTTGATCAGACTTGTGTAGAAAGGGACTGAATCAGCTGCCATATAAAGAATGTATGGTGA
CCACTCCGACAGGGCACAAGTATGAAGGAGTGAATTTGAGAAAGGAAATTTGGGGTGCAGCATAATGAG
AAGTGGTGAGGCAATGGAACAAGTTTGCAGACTGCTGTTCGATCCATACGGATTGGGAAGATCCTGATT
CAGAGTGATGAGGAGACAAAAGGGCAAAGTATATTATGCCAAGTTCACCCAGACATTCATCGCAGAA
AAGTCCTTCTGATGTATCCAATTCTCAGTACTGAAATACTGTAATTGAAGCTGTAAGGTTCTTATAGA
ACATGGTGTTCAACCCAGTGTTATTATCCTACTCAGTCTCTTCTCACCCACATGGTGCCAAATCAATC
ATTCAGAATTTCCAGAGATCACAATTTAACTACAGAAGTCCATCCTGTTGCACCTACACATTTGGAC
AGAAATACTTTGGAACAGAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR221275 protein sequence
 Red=Cloning site Green=Tags(s)

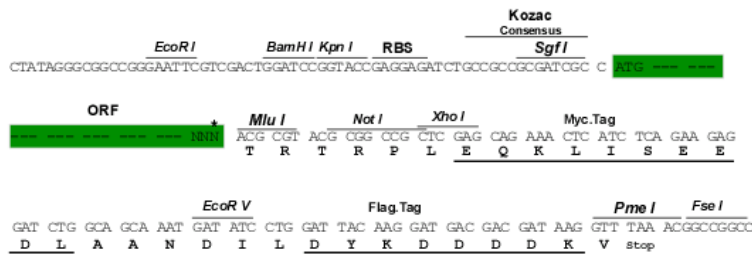
MASELQRPDSMPCHNRQVNSTSSPSPELLAEDRVLDHAEENNAAMAKLTLLPGHAHSSVLSERDSPACC
 STNLHSENHSDSSDSGNYPVGGDSLGDCEL SRQIGAQLKLLPMNDQIRELQTIIRDKTASRGDFMFS
 ADRLIRLVVEEGLNQLPYKECMVTTPTGHKYEGVKFEKNGCGVSIMRSGEAMEQGLRDCCRSIRIGKILI
 QSDEETQRAKVYYAKFPPDIHRRKVLLMYPILSTGNTVIEAVKVLIEHGVQPSVIILLSLFSTPHGAKSI
 IQEFPEITILTTEVHPVAPTHFGQKYFGTD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_001081189

ORF Size: 933 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_001081189.3](#)

RefSeq Size: 1112 bp

RefSeq ORF: 933 bp

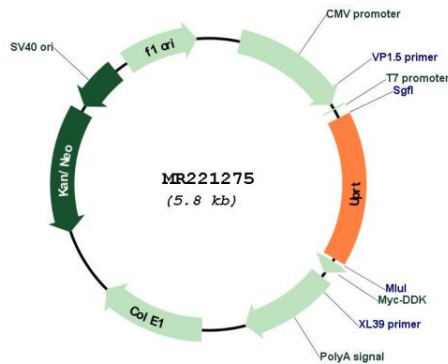
Locus ID: 331487

UniProt ID: [B1AVZ0](#)

Cytogenetics: X D

MW: 34.3 kDa

Product images:



Circular map for MR221275