

Product datasheet for MR22887

Uros (NM_001302087) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Uros (NM_001302087) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Uros
Synonyms:	A1415298; Ur; UROIII5; Uros3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR22887 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGTTCTCTTACTAAAAGACGCCAAGGAGGATGACAGCGGCCTGGATCCATATATCCAGGAGCTGC
GATTGTGTGGCCTAGAAGCCACACTGATTCCTGTGCTGTCATTTGAGTTTATGTCTCTCCCAGTTTGT
AGAAAAGCTGTCTCATCCTGAAGCTTTGGAGGACTCATTTTCACCAGCCCCAGGCAGTGAAGCAGTG
AAGCTGTGTTGGAGAAGACAATAAACTGAAGCCTGGGAGAAGTCTCTGAAAGACAGATGGAATGCCA
AGTCTGTGTACGTGGTTGGAAGTGCCACCGCTTCTCTAGTGAATAAAATGGTCTGGATGCAGAAGGAGC
GGCAGTGGAAATGCAGAAAAGCTTGTGAATATATTTGCTCAAAGCCATCTTCAGAGCTGCCTCTCTC
TTTCCGTGTGAACTATCAAAGGAGATACTCTTCCAAAAATGCTCAAGGACAAAGGGATCCCCATGGAAA
GCATGCATGTCTATCAGACAGTTCCACACCCTGGGATCCAAGGGAGCCTGAAGAGCTACTATGAAGATCA
GGGTATCCCAGCCAGCATCACGTTTTTCAGTCCCTCCGGCCTAAATACAGCCTCGAGTATATTCAGGCG
TTATCTGGCAGCAGCTTTGACCAGATTAAGTTTATAGCCATTGGCCCCAGTACAACCCGTGCTATGGCTG
CTAAGGCCTGCCTGTGAGCTGCACTGCAGAGAGCCCCACACCACAAGCCCTGGCTGCAGGCATCAGGAA
TGTGCTGAAGCCAAACCACTGTTGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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_001302087.1](#), [NP_001289016.1](#)

RefSeq Size: 1546 bp

RefSeq ORF: 798 bp

Locus ID: 22276

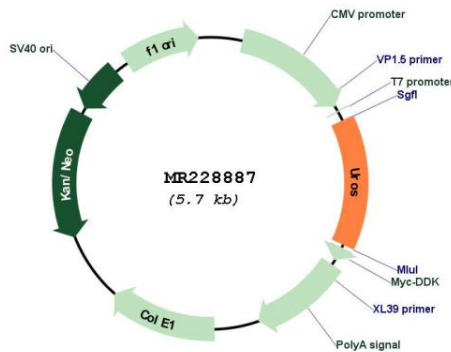
UniProt ID: [P51163](#)

Cytogenetics: 7 77.26 cM

MW: 28.5 kDa

Gene Summary: The protein encoded by this gene is the fourth enzyme in the heme biosynthesis pathway. It converts hydroxymethylbilane to uroporphyrinogen III, a cyclic tetrapyrrole. This enzyme is defective in the autosomal recessive disorder congenital erythropoietic porphyria. Alternate promoter usage controls cell type-specific expression, including erythroid cell-specific expression. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Sep 2014]

Product images:



Circular map for MR228887