

Product datasheet for **MR212723**

Ugt1a10 (NM_201641) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ugt1a10 (NM_201641) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ugt1a10
Synonyms:	A13; Ugt1a13
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR212723 representing NM_201641
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGTTCCTGCAGCCTTTCCACCTCTCTCTCTGTGTGTGTGTCTGCTCCTGGCCTCTGGCTTGGTCC
 AGGCAGGCAGGCTGCTGGTGGTCCCATGGATGGGAGCCACTGGTTCGACATGCAGATGGTGTGGAGAA
 ACTCATTACAGAGAGGCATGAGGTTGTGGTAGTCATCCCAGAGGTGAGTTGGCGGCTGGGAAATCCCTG
 AATTGTACAGTGAAGACTTACTCGGTTTCTCACACTCTGGAGGACCTGGACAGAGAGTTCAAGTATTTTA
 CTTACACTCAATGGAAAACCTCAGAACAAAGTATACGTTCTTTCATGACAGGCTCAGCTAGAGGTTTCTT
 TGAAGTAAATGTTTTACACTCTAGGGGTTTGTAAATGACAAGAAGTTAGTGGAGTACTGAAGCAGAGA
 TCTTTTGTAGCAGTGTCTGGATCCTTCGATGTATGTGGATTAATTGTTGCCAAGTATCTGCACTCC
 CATCAGTGATCTTGAAGACTTTCATTTTGTACTATCTTGAAGAGGGTCCCAGTGCCCGAGTCTTCT
 TTCTTATGTTCTAGACTTTTCTAAAATACACAGACACCATGACTTTCAAGGAGAGAGTGTGGAACCAT
 TATATGTACATTGAAGACTATGTATTTTGGCCCTATTTTTTCAAACTGCTGTTGAAATTGCCTCTGAAG
 TTCTGCAGACCCAGTACTATGACAGACCTCTTAGCCAGTGTCTATTTGGTTGTTACGCACTGACTT
 TGTGTTGGAGTTCCCGAGACCTGTGATGCCCAACATGGTCTTTGTTGGTGGGATGAACTGTCTCCAGGGG
 AAGCCACTTTCCAAGGAATTTGAAGCCTATGTCAACGCCCTCTGGGGAGCATGGCATCGTTGTTTTCTCTT
 TGGGATCCATGGTCTCAGAGATTCGGGAGAAGAAAGCCATGGAATGCTGAGGCTTTGGGCAGAATTCC
 TCAGACGGTCTGTGGCGCTACACCGGAAGTACCATCGAATCTTCAAAGAACAATTTCTGTCAA
 TGGTACCCCAAAATGATCTGCTGGTCCATCAAAGACTCGGGCATTATCACACACTCTGGCTCCCATG
 GTATTTATGAAGGAATATGCAATGGAGTCCGATGGTGTGATGATGCCCTATTTGGCGATCAGATGGACAA
 TGCCAAGCGCATGGAAGACTCGGGGAGCTGGGGTACCCTGAATGCCTTGAATGACTGCTGATGATTTG
 GAAAATGCCCTTAAAAGTGCATCAACAACAAGAGCTACAAGGAGAATCATGCGCCTCTCCAGCCTT
 ACAAGGACCGTCTATAGAGCCTCTGGACCTGGCTGTGTTCTGGGTGGAATACGTGATGAGGCACAAGGG
 GGCACCACACCTGCGCCCGCCGCCATGACCTCACCTGGTATCAGTACCACTCCTTGGATGTGATTGGC
 TTCCTCTGGCCATTGTGTTGACAGTGGTCTTCTTGTCTTTAAATGTTGTGCCTATGGCTGCCGGAAT
 GCTTTGGGGAAAGGGGCGAGTGAAGAAATCACACAAATCCAAGACCCAT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR212723 representing NM_201641
 Red=Cloning site Green=Tags(s)

MVPAAFPTSLPLCVCLLLASGLVQAGRLLVVPMDGSHWFDQMVEKLIQRGHEVVVPIPEVSWRLGKSL
 NCTVKTYSVSHTLEDLDREFKYFYTYQWKTPEQSIRSFMTGSARGFFELMFSHSRGLFNDKKLVEYLKQR
 SFDAVFLDPFDVCGLIVAKYLSLPSVIFARLSFCYYLEEGAQCPSSL SYVPRLF SKYTDMTFKERVWNH
 YMYIEDYVFCPYFFKTAVEIASEVLQTPVTMTDLFSPVSIWLLRTDFVLEFPRPVMPNMVFGGMNCLQG
 KPLSKEFEAYVNASGEHGIVVFLSGSMVSEIPEKKAMEIAEALGRIPQTVLWRYTGTRPSNLAKNTILVK
 WLPQNDLLGHPKTRAFITHSGSHGIYEGICNGVPMVMPLFGDQMDNAKRMETRGAGVTLNVLEMTADDL
 ENALKTVINNKSYPKIMRSLSLHKDRPIEPLDLAVFWVEYVMRHKGAPHLRPAAHDLTWYQYHSLDVI
 GFLLAIVLTVVFI VFKCCAYGCRKCFGGKGRVKKSHKSKTH

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9015_g08.zip

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_201641

ORF Size: 1590 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_201641.2](#), [NP_964003.2](#)

RefSeq Size: 3242 bp

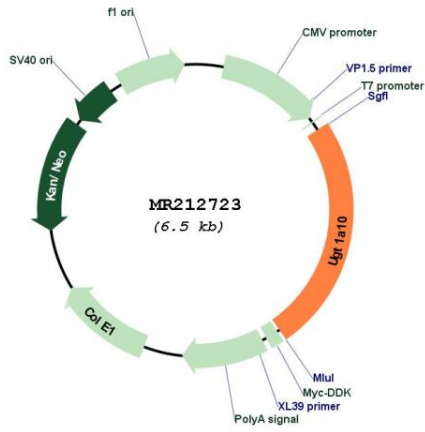
RefSeq ORF: 1593 bp

Locus ID: 394430

Cytogenetics: 1 D

MW: 60.7 kDa

Product images:



Circular map for MR212723