

Product datasheet for **MG208514**

Ugt1a6b (BC026561) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ugt1a6b (BC026561) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Ugt1a6b
Synonyms:	MGC36247, A9', Ugt1a9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MG208514 representing BC026561
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGCTTGCCTTCTCTGCTGCTCAGACACTTCTGCAGGGTTCTCTCTAGTGCTTTGGCCCTCAG
 TTCTAGGTGACAAGCTGCTGGTGGTCCCCCAGGATGGAAGCCACTGGCTTAGCATGAAGGAGATAGTGA
 GCATCTCAGTGAACGAGGACATGACATTGGTCTAGTGCCAGAAGTCAATTTGCTTTGGGAGAAATCC
 AAATACTACAGGAGGAAAATTTCTCAGTTCCTACAGCCTAGAAGAACTACAGACCCGTTTTCGCACCT
 TTGGACGCAACCAGTTTGTCTGGTGGCCCCCTGATGGGTCTCTAAGAGAGTACAGGAACAGCATGCT
 TACATTGGAGATGTTCTTTTCCAAGTCCAGAGCCTCTGAAGGACTCTGCCACCCTCAGTTCTCTCAGG
 GAGAACAAGTTTATGCTCTGTTACAGACCCAGCCATGCCCTGTGGTGTGATCTGGCTGAGTATCTCA
 ACCTGCCCTCTGCTACCTCTTCAGAGGTTTCCCATGCTCTCTGGAACACATGCTTGGTCAAAGCCCAAG
 CCCTGTGCTCTATGTTCCAGATTCTACACAAATTCTCAGACCACATGACGTTTCCCCAACGGCTGGCC
 AACTTCATTGTTAACATCTTGGAAAACCTATATTATTGTCTGTATTCAAAGTATGAAATCATTCGCT
 CAGACCTCCTCAAGAGAGATGTGTCCTACCTTCTTACACCAGAATTCTCTGTGGCTGTTACGGTACGA
 TTTTGTGTTTGAATATCCAGGCCGGTCTATGCCAACATGATCTTCTGGAGGGATCAACTGTAAGAAG
 AAGGGAAGCTGACTCAGGAATTTGAAGCCTATGTCAACGCCTCTGGGAGCATGGCATCGTGGTTTTCT
 CTTTGGGATCCATGGTCTCAGAGATCCGGAGAAGAAAGCCATGGAAATTGCTGAGGCTTTGGGCAGAA
 TCCTCAGACGGTCTGTGGCGCTACACCGGAAGTAGACCATCGAATCTTGCAAAGAACACAATCTTGTC
 AAATGGCTACCCCAAAATGATCTGCTTGGTTCATCAAAGACTCGGGCATTATCACACACTCTGGCTCCC
 ATGGTATTTATGAAGGAATATGCAATGGAGTTCCGATGGTATGATGCCCTATTTGGCGATCAGATGGA
 CAATGCCAAGCGCATGGAACTCGGGGAGCTGGGGTACCCTGAATGTCCTTGAAATGACTGCTGATGAT
 TTGAAAAATGCCCTTAAACTGTCATCAACAACAAGAGCTACAAGGAGAATCATGCGCTCTCCAGCC
 TTCACAAGGACCGTCTATAGAGCCTCTGGACCTGGCTGTGTTCTGGGTGGAATACGTGATGAGGCACAA
 GGGGGCACCACCTGCGCCCGGCCCATGACCTCACCTGGTATCAGTACCCTCCTTGGATGTGATT
 GGCTTCTCTGGCCATTGTGTTGACAGTGGTCTTCATTGTCTTTAAATGTTGTGCTATGGCTGCCGGA
 AATGCTTTGGGGAAAGGGGCGAGTGAAGAAATCACACAAATCCAAGACCCAT

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>MG208514 representing BC026561
 Red=Cloning site Green=Tags(s)

MACLLPAAQTLFAGFLFLVLWASVLGDKLLVVPQDGSHWLSMKEIVEHLSEGRHDIVVLVPEVNLLLGES
 KYRRKIFSVPSLEELQTRFRFTFGRNQFVPGAPLMGPLREYRNSMLTLEFFSNCQSLKDSATLSFLR
 ENKFDALFTDPAMPCGVILAEYLNLPVYLFRGFPCSLHMLGQSPSPVSYVPRFYTKFSDHMTFPQRLA
 NFIVNILENYLYCLYSKYEIIASDLLKRDVSLPSLHQNSLWLLRYDFVFEYPRPVMNMFLLGGINCKK
 KGKLTQEFAYVNASGEHGIIVFSLGSMVSEIPEKKAMEIAEALGRIPQTVLWRYTGTRPSNLAKNTILV
 KWLQNDLLGHPKTRAFITHSGSHGIYEGICNGVPMVMPLFGDQMDNAKRMETRGAVTLNVLEMTADD
 LENALKTVINNKSYKENIMRLSSLHKDRPIPLDLAVFWVEYVMRHKGAPHLRPAHDLTWYQYHSLDVI
 GFLLAIVLTVFIVFKCCAYGCRKCFGGKGRVKKSHKSKTH

TRTRPLE – GFP Tag – V

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: BC026561

ORF Size: 1593 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [BC026561](#), [AAH26561](#)

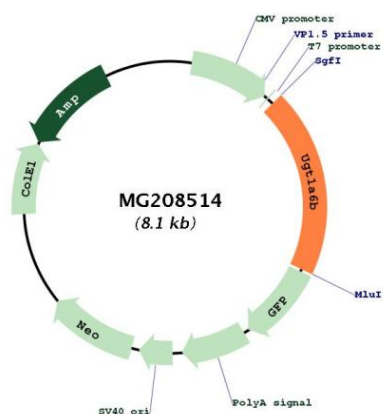
RefSeq Size: 2290 bp

RefSeq ORF: 1595 bp

Locus ID: 394435

Cytogenetics: 1 D

Product images:



Circular map for MG208514