

Product datasheet for **MC217541**

Ugt1a9 (NM_201644) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ugt1a9 (NM_201644) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ugt1a9
Synonyms:	mUGTBr/P; UDPGT; UDPGT 1-9; UGT1-09; UGT1.9; Ugt1a12; UGTP4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217541 representing NM_201644
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCTCCTGTAGCCTTTCCACCTCCTTTTTTCTCTGTCTGCTTCTGGCCTCTGGCTTGGCCAGGCAG
GCAGGCTGCTGGTGGTGCCTCATGGATGGAAGCCACTGGTTCACCATGCAGATGGTTGGAGAACTCAT
TCACAGAGGGCATGAGGTTGTGGTAGTCATCCCAGAGGTGAGTTGGCAGCTGGGAAATCACTGAATTGT
ACAGTGAAGACTTACTCAATTTCTCACACTCTGGAAGACCTGGACAGAGAGTTCAAGATTTATCTTACA
CTCAATGGAAAACCCAGAACACAGTACGTTCTTTCTGACTGGTTCAGCCAGAGGTTCTTTGAACT
AACATTTTCACACTGCAGGAGTTTGTAAACGACAAGAAGTTAGTGGAGTACTTGAAGCAGAGATTTTT
GATGCAGTGTCTGGATCCTTCGATGTGTGGATTAATTGTCGCCAAATATTTCTCGCTCCCATCAG
TGATCTTTGCAAGAGGTGATTTTGTGACTATCTTGAAGAGGGTGCAGTGCCTCAAGTCTTCTTCTCCTA
TGTTCTAGACTTTTCTAAAATACACAGACACCATGACTTTCAAGGAGAGAGTGTGAACCATCTTATC
TACATTGAAGAACATGCATTTTGTCTCTACTTTTTAAGAAGTGTGTTGAAGTTCATCTGAAATCTTC
AGACCCAGTGCATATGACAGACCTTTAGCCAGTGTCTATTTGGTGTACGCACTGACTTTGTGTT
GGAGTTCCCAGGCTGTGATGCCTAACATGGTCTTTATTGGTGGGATCAACTGCCTCCAGAAGAAGTCA
CTTTCAAAGGAATTTGAAGCCTATGTCAACGCCTCTGGGAGCATGGCATCGTTGTTTTCTTTGGGAT
CCATGGTCTCAGAGATCCGGAGAAGAAAGCCATGGAAATGCTGAGGCTTTGGGAGAATTCCTCAGAC
GGTCTGTGGCGCTACACCGAACTAGACCATCGAATCTTGAAGAACAACAATCTTGTCAAATGGCTA
CCCCAAAATGATCTGCTTGGTCATCAAAGACTCGGGCATTATCACACACTCTGGCTCCCATGGTATTT
ATGAAGGAATGCAATGGAGTCCGATGGTGTGATGCCCTATTTGGCGATCAGATGGACAATGCCAA
GCGCATGGAAGTCCGGGAGCTGGGGTACCCTGAATGTCTTGAATGACTGCTGATGATTTGGAAAAT
GCCCTTAAAAGTGTATCAACAACAAGACTACAAGGAGAATCATGCGCCTCTCCAGCCTTACAAGG
ACCGTCTATAGAGCCTCTGGACCTGGCTGTGTTCTGGGTGGAATACGTGATGAGGCACAAGGGGCACC
ACACCTGCGCCCGGCCCATGACCTCACCTGGTATCAGTACCCTCCTGGATGTGATTGGCTTCTCTC
CTGGCCATTGTGTTGACAGTGGTCTTATTGTCTTTAAATGTTGTGCCTATGGCTGCCGAAATGCTTTG
GGGAAAGGGCGAGTGAAGAAATCACACAATCCAAGACCCATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_201644

Insert Size: 1587 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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_201644.2](#), [NP_964006.2](#)

RefSeq Size: 3216 bp

RefSeq ORF: 1587 bp

Locus ID: 394434

UniProt ID: [Q62452](#)

Cytogenetics: 1 D

Gene Summary: UDPGT is of major importance in the conjugation and subsequent elimination of potentially toxic xenobiotics and endogenous compounds.[UniProtKB/Swiss-Prot Function]