

Product datasheet for **RR207635**

Ugt1a9 (NM_201425) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ugt1a9 (NM_201425) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ugt1a9
Synonyms:	Ugt1a10; Ugt1a11
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RR207635 representing NM_201425
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCTCCTTCAGGCTGTCCATCCTCCCTTCTCTGTGTGTGTCTGTTCTGGCCTCTGGATTTGCC
 AGGCAGGCAGGCTGCTGGTGGTCCCATGGATGGGAGCCACTGGTTCACCGAGCAGATGACTGTGGAGAA
 ACTCCTCCAGAGAGGGCATGAGGTAGGGGTAGTCATCCCAGAGGAGAGTTGGCAGCTGGGAAAATTGGTG
 AATTGTACAGTGAAGACATACTCAATTCCTTACACTGTGGAGGATATGGACCGTGAATTCAGCATTTTT
 CGTACACTCAATGGAAAACCTCCAGAACAAAGTATGTATTCTTTAAACAGGCTCAGTCAAAGATTTCTT
 AGAAATAACATTTTACACTGTAGGAGTTTGTAAAGGACAAGAAGTTAGTGGAGTACTGAAGCAGTCT
 TCTTTTGTGCTGTTTCTGGATCCTTTTACGCTGTGTGGCTTAACTGTTGCCAAATATTTGCTACTGC
 CATCAATAATTTTGGCAAAGACATATTTTGCACAATCTTAAAGAGGGTCCCAGTGCCCAAGTCTTCC
 TTCTTATGTTCTAGACTTTTCTAAAAATCCGCAGACACCATGAGTTTCAAGGAGCGATTGTGGAACCAT
 CTATCTACTTTGAAGAAGCTGCATTTTCTCCTATTATTTGAAAACCTGCTATAGAAATGCCTCTGAGG
 TTCTGCAGACCCAGTGACTCTGACAGACCTCTACAGCCAGTGTCCATTTGGTTGTTACGCACTGACTT
 TGTGTTCAACTTCCCAGACCTGTGATGCCCAACATGGTCTTTGTTGGTGGCATCAACTGCTTCCAGAGG
 AAGCCACTTTCCAAGGAATTTGAAGCCTATGTCAACGCCTCCGGAGAACATGGCATCGTGGTTTTCTCTT
 TGGGATCCATGGTCTCAGAGATTCCAGAGAAGAAAGCGATGGAAATGCTGAGGCTTTGGGCAGAATTC
 TCAGACGGTCTGTGGCGCTACACCGGAAGTACACCTCGAACCTGCAAAGAACACTATCTTGTCAA
 TGGCTACCCAAAACGATCTGCTTGGTCATCAAAGGCTCGGGCGTTCATCACACTCCGGTCCCATG
 GTATTTTGAAGGAATATGCAATGGGTTCCAATGGTGTGATGATGCCCTTGTGGTGTGATGACAA
 CGCCAAGCGCATGGAACTCGGGGAGCTGGGGTACCCTGAATGCTCGAAATGACTGCCGATGATTTG
 GAAAACGCCCTTAAAACTGTCATCAATAACAAGAGTTACAAGGAGAACATCATGCGCCTCTCCAGCCTT
 ACAAGGACCGTCTATCGAGCCTCTGGACCTGGCTGTGTTCTGGGTGGAGTACGTGATGAGGCACAAGGG
 GGCGCCACACCTGCGCCCGCCGCCACGACCTCACCTGGTACCAGTACCCTCCTTGGACGTGATTGGC
 TTTCTCTGGCCATCGTGTGACGGTGGTCTTATTGTCTATAAAAGTTGTGCCTATGGCTGCCGGAAT
 GCTTTGGGGAAAGGGTCGAGTGAAGAAATCACACAAATCCAAGACCCAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR207635 representing NM_201425
 Red=Cloning site Green=Tags(s)

MAPSGCPSSLPLCVCLFLASGFAQAGRLLVVPMDGSHWFTRQMTVEKLLQRGHEVGVVPIPEESWQLGKLV
 NCTVKYSIPYTVEDMDREFKHSYQWKTPSEQMSYSLITGSVKDFLEITFSHCRSLFKDKKLVYELKQS
 SFDAVFLDPFHVCGTLVAKYLSLPSIIFAKDIFCDNLKEGAQCPSLPSYVPRFLSKSADTMSFKERLWNH
 LIYFEERAFCSYLLKTAIEIASEVLQTPVTLTDLSPVSIWLLRTDFVFNFRPVPMPNMVFGGINCFQR
 KPLSKEFEAYVNASGEHGIVVFLSGMVSEIPEKKAMEIAEALGRIPQTVLWRYTGTRPSNLAKNTILVK
 WLPQNDLLGHPKARAFITHSGSHGIYEGICNGVPMVMPLFGDQMDNAKRMETRGAGVTLNVLEMTADDL
 ENALKTVINNKSYPKIMRSLSHKDRPIEPLDLAVFWVEYVMRHKGAPHLRPAAHDLTWYQYHSLDVI
 GFLLAIVLTVVFIYKSCAYGCRKCFGGKGRVKKSHKSKTH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NM_201425

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_201425.2](#), [NP_958828.1](#)

RefSeq Size: 2228 bp

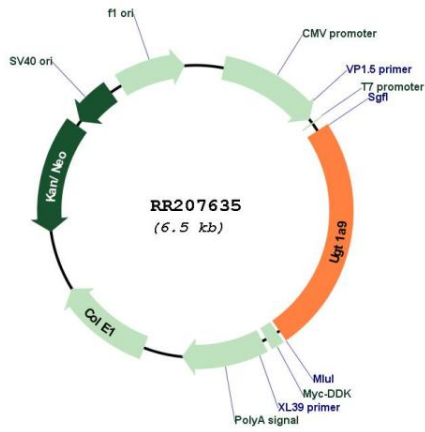
RefSeq ORF: 1593 bp

Locus ID: 396552

Cytogenetics: 9q35

MW: 60 kDa

Product images:



Circular map for RR207635