

Product datasheet for **RN209724**

Idh3B (NM_053581) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Idh3B (NM_053581) Rat Untagged Clone
Tag: Tag Free
Symbol: Idh3B
Synonyms: MGC94111
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN209724 representing NM_053581
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCAGCGCTGAGCAATGTCCGCTGGCTGACCCGAGCGGTGCTCGGCGCTCGGAACTCCGGGGCATGGA
 GAGGTCTCCGAACAGCAGCTTCGGCTCAAGCCGCTTCACAGAGTCAGGCACAAGATGTGAGGGTGGAGGG
 TGCCCTTCTGTGACAATGCTACCTGGAGACGGTGTGGGGCCAGAGCTCATGCATGCTGTCAAGGAAGTG
 TTCAAGGCTGCTGCTGTCCCTGTGGAATCAAGGAGCACCACCTAAGTGAGGTGCAGAATATGGCTTCTG
 AGGAGAAGCTGGAGCAGGTGCTGAGTTCATGAAGGAGAACAAGTTGCCATCATTGAAAAGATCTACAC
 CCCAATGGAGTATAAGGGTGAAGTAGCCTCCTATGATATGCAACTGAGGCGTAAGTTGGATTTGTTTGGC
 AACGTGGTCCATGTGAAGTCACTTCCTGGATATAAGACTCGGCACAACAATCTAGACCTGGTGATCATT
 GAGAACAGACAGAAGGGGAGTATAGCTCTCTGGAACATGAGAGTGCAAGGGGTGTCATTGAGTGCCTGAA
 GATCGTCACTCGAACCAAGTCTCAGAGGATTGCAAAGTTGCCTTTGACTATGCCACCAAAAAGGGCGG
 AGCAAGGTCACAGCTGTCCATAAAGCCAACATCATGAACTTGGAGATGGGCTGTTCTTGCAAGTGTGTG
 AGGAAGTTGCTGAACTGTACCCTAAAATCAAGTTGAAACAATGATCATAGACAAGTGTTCAGTGCAGCT
 GGTGCAGAATCCTTACCAGTTTGATGTGCTTGATGCCCAATCTCTATGGGAACATTATCGACAATCTG
 GCTGCTGGCCTTGTGGGGAGCTGGTGTGGTTCCTGGTGGAGAGCTACAGTGCAGAGTATGCAGTTTTTG
 AGACGGGCGCTCGGCACCCATTTGCCAGGCAGTGGCAGGAATATAGCCAATCCACAGCCATGCTGCT
 GTCAGCTTCCAACATGCTACGGCATCTCAACCTTGAGTATCACTCCAGCATGATTGCAGATGCAGTGAAG
 AAGGTGATCAAGTTGGCAAGTCCGACTCGAGACATGGGAGGCTACAGCACCACAAGTACTTCATCA
 AGTCCGTCATCGGCCATCTGCACCCCATGGGGCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul



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ACCN:	NM_053581
Insert Size:	1158 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:	<ol style="list-style-type: none">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:	<u>NM_053581.1, NP_446033.1</u>
RefSeq Size:	1532 bp
RefSeq ORF:	1158 bp
Locus ID:	94173
UniProt ID:	<u>Q68FX0</u>
Cytogenetics:	3q36
Gene Summary:	involved in the metabolism in brown adipose tissue [RGD, Feb 2006]