

Product datasheet for MC208737

Idh1 (NM_010497) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Idh1 (NM_010497) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Idh1
Synonyms:	AI314845; AI788952; E030024J03Rik; Id-1; Idh-1; Idpc
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC208737 representing NM_010497 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCCAGAAAAATCCAAGGAGTTCTGTGGTGGAGATGCAAGGAGATGAAATGACACGAATCATTGGG
AATTGATTAAGGAAAACTTATTCTTCCCTATGTGGAAGTGGATCTGCATAGCTATGATTTAGGCATAGA
GAATCGTGATGCCACCAATGACCAGGTCACCAAAGATGCTGCAGAGGCTATAAAGAAATACAACGTGGGC
GTCAAGTGTGCTACCATACCCCGATGAGAAGAGGGTTGAAGAATCAAGTTGAAACAAATGTGGAAT
CCCCAAATGGCACCATCCGAAACATTCTGGGTGGCACTGTCTTCAGGGAAGCTATTATCTGCAAAAATAT
CCCCCGCTAGTGACAGGCTGGGTAACCCATCATCATTGGCCGACATGCATATGGGGACCAATACAGA
GCAACTGATTTTGTGTTCTGGCCTGAAAAAGTAGAGATAACCTACACACCAAAAAGATGGAACCTCAGA
AGGTGACATACATGGTACATGACTTTGAAGAAGTGGTGGTGTGCCATGGGCATGTACAACCAGGATAA
GTCAATTGAAGACTTTGCACACAGTTCCTTCCAAATGGCTCTGTCCAAGGGCTGGCCTTTGTATCTCAGC
ACCAAGAACACTATTCTGAAGAAGTATGATGGGCGTTTCAAAGACATCTCCAGGAGATCTATGACAAGA
AATACAAGTCCCAGTTTGAAGCTCAGAAGATCTGCTATGAACACAGGCTCATAGATGACATGGTGGCCCA
AGCTATGAAGTCCGAGGGAGGCTTCATCTGGCCCTGTAAGAATTACGATGGGGATGTGCAGTCAGACTCA
GTCGCCCAAGGTTATGGCTCCCTTGGCATGATGACCAGTGTGCTGATTTGTCCAGATGGTAAAGACGGTAG
AAGCAGAGGCTGCCCATGGCACTGTACACGTCCTACTACCGCATGTACCAGAAAGGGCAAGAGACGTCCAC
CAACCCATTGCTTCCATTTTGTCTGGTCCCGAGGGTTAGCCACAGAGCAAAGCTTGATAACAATACT
GAGCTCAGCTTCTCGCAAAGGCTTTGGAAGACGTCTGCATTGAGACCATTGAGGCTGGCTTTATGACTA
AGGACTTGGCTGCTTGCATTAAGGCTTACCCAATGTACAACGTTCTGACTACTTGAATACATTTGAGTT
TATGGACAAACTTGAGAAAACTTGAAGGCCAAATTAGCTCAGGCCAAACTTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_010497
Insert Size:	1245 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_010497.3</u> , <u>NP_034627.3</u>
RefSeq Size:	2270 bp
RefSeq ORF:	1245 bp
Locus ID:	15926
UniProt ID:	<u>O88844</u>
Cytogenetics:	1 32.91 cM