

Product datasheet for MC203105

Rdh14 (NM_023697) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rdh14 (NM_023697) Mouse Untagged Clone
Tag: Tag Free
Symbol: Rdh14
Synonyms: 3110030G19Rik; AW215439; PAN2
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC020094
 CACTCCGGAACCTGTGCGCTAGGCCAGTGCACCGGGCCCGGAAGTTATGGCAGTGGCTAGTGTGGCCG
 CAGCGCTCCTGGCCGCACTGGGCGGGCGCTGTGGCTGGCGGCCCGCGGTTCTCTGGGCAAGAAACCA
 GCGGCAGCAGGGAGGCGGGACCGGGCCCTCATGCACGGGAAGACAGTGCCTGATCACCGAGCAAACAGC
 GGCTGGGCCGTGCCACCGCGGGAGGCTGCTCCGCTGGGGGCGCGGGTTCATCATGGGATGTCGGGACC
 GCGCTCGAGCAGAGGAGGCGCCGGTCACTCAGGCAGGAGCTCTGTGAGGCTGGGGGCGCCGGCCCGA
 CGGCACTGATGGCCAGTGGTCGTTAAGGAGCTGGACCTGCCTCGCTGCGCTCAGTGCAGCTTTCTGC
 CAAGAAGTGTACAGGAGGAGCCAGGCTAGACGCTCTGATCAATAATGCGGGGTTTTCCACTGCCCGT
 ATACGAAGACTGAAGATGGGTTTGAAGTGCAGTTTGGAGTGAACCATCTGGGCCACTTCTACTACCCAA
 TCTTCTCCTTGGACTCCTCAAAAGTTCAGCTCCCAGCAGGATTGTAGTCGTTTTCTTCAAACCTTTATAAA
 TATGGAGAAATCAACTTTGAAGACTTGAACAGTGAACAAAGCTATAATAAAAGCTTCTGTTATAGTCGAA
 GCAAAGTGGCTAACATCTTTTACAAGAGAATTAGCCCGTCGCTTAGAAGGAACAAACGTGACTGTCAA
 TGTGCTGCATCCTGGTATTGTGCGAACAACCTAGGGAGGCATATTCACATCCCCTGCTGGCAAGACCA
 CTTTTCAATTTGGTATCCTGGGCTTTTTCAAACCTCCATTAGAAGGTGCCAGACTTCCATCTATTTAG
 CCTGTTACCTGACGTAGAAGGTGTGTCAGGAAGTACTTTGGAGATTGTAAGGAGGAAGAGCTCTTGCC
 CAAAGCTATGGATGAGTCAGTGGCAAGAAAAGTGGGATATCAGTGAAGTATGTTGGCATTCTAAAA
 TAGGAGTAAAGAGAACAGGACTATGTATAGGATGATCCATTATACCCCTGGTCAGGAATGGCATGTTGTG
 AGCATGTGCTATGTGACAACAGTCTAGCCGCAATCATGCTGAGAGGTGCACATGGATATTTCAAAGACAC
 TGCTACTATTTGGGGCTAATACAAAGTTCAGCAAAGATGCTATCAATGTGGATCATAACTAGAATATAAC
 AATTCTGTTATTTATTATAAATTGGCAATTATAACTGTTAAAGATACTGGTAATTTAAAAGCTGTCTTAA
 GAAGGTTTTCAAATTTTACTTTTTCATGGCAAATATGTTCAAGATTTTTACTACAATGCTGTTTTGTG
 TAAATACTATGCCTAATGTGTGCACATAAATCACTTGGAAATAAATGTCTGATGTAGGTAATAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_023697



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Insert Size:	1005 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>BC020094</u> , <u>AAH20094</u>
RefSeq Size:	1501 bp
RefSeq ORF:	1005 bp
Locus ID:	105014
UniProt ID:	<u>Q9ERI6</u>
Cytogenetics:	12 A1.1
Gene Summary:	Retinol dehydrogenase with a clear preference for NADP. Displays high activity towards 9-cis, 11-cis and all-trans-retinol. Shows a very weak activity towards 13-cis-retinol. Has no activity towards steroids.[UniProtKB/Swiss-Prot Function]