

Product datasheet for MC200312

Qdpr (NM_024236) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Qdpr (NM_024236) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Qdpr
Synonyms:	2610008L04Rik; D5Ert371e; Dhpr; PKU2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC002107 sequence for NM_024236
 CCCACGCTCCGCTCGAAGTGCCTTTGGCTCGCCGTTTCAGTACCGCGCGAGTCTGTGAGGAGCAGGATG
 GCGGCTTCAGGCGAGGCGCGCGGGTGTGGTGTACGGCGGCGAGGGCGCTCTGGCTCGCGCTGCGTAC
 AGGCCTTCGGGCGCCGCAACTGGTGGGTTGCCAGCATCGATGTGGTGGAGAACGAAGAGGCCAGTCCAG
 CGTGGTTGTTAAGATGACAGATTCATTCACAGAGCAGGCTGACCGAGTCACTGCTGATGTTGAAAAGCTC
 CTAGGTGACCAGAAGGTGGATGCAATTCTGTGTGGCTGGAGGATGGGCGGGGCAATGCCAAATCCA
 AGTCGCTTTTTAAAACTGTGACATGATGTGGAAGCAGAGTATGTGGACATCCACTATCTCCAGCCACTT
 GGCCACAAAGCACCTGAAGGAAGGAGGCCCTTTGACCCTGGCTGGGGCCAAAGCTGCCTGGATGGGACT
 CCTGGGATGATCGGCTATGGCATGGCCAAGGGAGCCGTCATCAGCTCTGCCAGAGCCTGGCAGGGAAGA
 ACAGTGGCATGCCCCCTGGGCTGCTGCCATTGCTGTGCTCCCCGTTACCCTGGATACCCCGATGAACAG
 GAAATCAATGCCTGAGGCAGACTTCAGCTCCTGGACACCCTTAGAGTTCCTGGTGGAAACCTTCCATGAC
 TGGATCACTGGGAACAAACGGCCAAACTCAGGAAGCCTAATCCAGGTGGTAACCACAGATGGGAAGACAG
 AGCTTACTCCAGCATATTTCTAAGCTGCATCTCAGTGCCTGGGAGAGCCCTCTCGAAACATCACTAACCT
 GTCTGTATTGCCGAATCTGGCCCATGTTTTCTGTATTCTGTTGTGGTAGGAGATAACCAGTCTTGT
 TGTTCCTTACATGGCATTCTTTGTTGCTGGGATGGTGGGATGTTTATGGGAAATGAGCAGAGGCC
 TGTAGGTAGCACCTGAGGGTCCAGGGAGGTATATGGACAGGCCTGCATCAGCATCCTAGACTTCTTTG
 GAGACCGTTTGATAGTACTTTTCAGTTTTTGGCATTGGGGTACTTTGAAATCCAACCTGTTTTTAAATT
 CCATGTTGGTGCATAGATGTAGTTTTTACAGCCTGAAAATTAAGTCCATGAACATTCTTTGGTGTATG
 AAGCAAGTAAAACCAATGGACTCTGTTGTGATATCCTTTGTGTTCCAGCCTAGGCTAAGTGTGTTGTA
 AAGCCATTTGTGAGTGCCTGGAGTGTCTTCTAATAAACACACTTCATGTAAAAAAAAAAAAAAAAA

Restriction Sites:	RsrII-NotI
ACCN:	NM_024236
Insert Size:	726 bp



[View online »](#)

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:	BC002107 , AAH02107
RefSeq Size:	1326 bp
RefSeq ORF:	726 bp
Locus ID:	110391
UniProt ID:	Q8BVI4
Cytogenetics:	5 24.9 cM
Gene Summary:	The product of this enzyme, tetrahydrobiopterin (BH-4), is an essential cofactor for phenylalanine, tyrosine, and tryptophan hydroxylases.[UniProtKB/Swiss-Prot Function]