

## HSD17B12-hydroxysteroid (17-beta) dehydrogenase 12 Gene

Reference: PTXBC012043

|                |                                                                                                                                                                                                                                                                 |                     |                |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------|
| Product type:  | DNA                                                                                                                                                                                                                                                             | Storage Condition:  | -20°C          |
| Size/Quantity: | 2 ug                                                                                                                                                                                                                                                            | Delivery Condition: | +4°C, Blue Ice |
| Synonyms       | KAR; SDR12C1; very-long-chain 3-oxoacyl-CoA reductase; 17-beta-HSD 12; 17-beta-hydroxysteroid dehydrogenase 12; 17beta-HSD type 12; 3-ketoacyl-CoA reductase; estradiol 17-beta-dehydrogenase 12; short chain dehydrogenase/reductase family 12C member 1; ster |                     |                |

**For research use only.**

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|-------------------------|---------------------------------------------------------------------------------------------------|
| <b>GENE DESCRIPTION</b> | hydroxysteroid (17-beta) dehydrogenase 12                                                         |
| <b>GENE ID</b>          | 51144                                                                                             |
| <b>ORIGIN SPECIES</b>   | Human                                                                                             |
| <b>ACCESSIONS</b>       | BC012043                                                                                          |
| <b>VECTOR</b>           | pDONR223                                                                                          |
| <b>NCBI SYMBOL</b>      | HSD17B12                                                                                          |
| <b>LENGTH</b>           | ProteoGenix bp                                                                                    |
| <b>SEQUENCE PRIMERS</b> | Forward primer M13R (5'→3'): GTAAAACGACGGCCAGT<br>Reverse primer T7P (5'→3'): TAATACGACTCACTATAGG |

### ORF (Only for reference, product provided without STOP codon )

atggagagcgcctccccgccggccttctgtactgggtcggcggggcaccgtggcctacgtacccctgcgtatttctgtactgccttcacggccctccgggtctggggagtggggaatgagggcgggggtcggccggggctcggagaatgggcagttgtcacaggtagtactg  
atggaaattgaaaatcatafagcagaagagtttagcaaaagcatggaatgaaggttgccttatcagcagatcaaaaggataaaacttgaccaggtttccagtgaataaaaaaataaattcaaaaggagacagaaccattgctgttgactttgcatcagaagatattatgataaaattaaaacaggc  
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ataagccctcctcggagacgttttgaagctctgaattaaaacagtcggcctgcaatcccgaaccaatggatacctgatccatgctcttatgggctcgataatctcaaacctgcctcttggatttttgaataatgacatgaatagaacaagctctacacgggtcactatctgaagaaaccaa  
gaagaactaa