

## CYP21A2-cytochrome P450, family 21, subfamily A, polypeptide 2 Gene

Reference: PTXBC128535

|                |                                                                                                                                                                                                                                                                 |                     |                |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------|
| Product type:  | DNA                                                                                                                                                                                                                                                             | Storage Condition:  | -20°C          |
| Size/Quantity: | 2 ug                                                                                                                                                                                                                                                            | Delivery Condition: | +4°C, Blue Ice |
| Synonyms       | CA21H; CAH1; CPS1; CYP21; CYP21B; P450c21B; steroid 21-hydroxylase; 21-OHase; cytochrome P450 XXI; cytochrome P450, family 21, subfamily A, polypeptide 2; cytochrome P450, subfamily XXIA (steroid 21-hydroxylase, congenital adrenal hyperplasia), polypeptid |                     |                |

**For research use only.**

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|-------------------------|---------------------------------------------------------------------------------------------------|
| <b>GENE DESCRIPTION</b> | cytochrome P450, family 21, subfamily A, polypeptide 2                                            |
| <b>GENE ID</b>          | 1589                                                                                              |
| <b>ORIGIN SPECIES</b>   | Human                                                                                             |
| <b>ACCESSIONS</b>       | BC128535                                                                                          |
| <b>VECTOR</b>           | pDONR223                                                                                          |
| <b>NCBI SYMBOL</b>      | CYP21A2                                                                                           |
| <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 )

atgcggcggaagcgccggttgcccttagcctgccccaccgacacacgcccagcagcatctccggtacgacatccctgaggcgacagtcattccgaacctccaaggcgccacccctggatgagacggctctggagagggccacatgagttctggcctgacgcttcctgga  
gccaggcaagaactcagagctctggccttcggctgcccgcgtgtgctggcgagccgctggcgcgctggagctctctggtgctgacccgactgctgaggccttcacgctgctgcccggggagcgccctgcccctccctgcagccctgccccactgcagttcatcc  
tcaagatgcagccttccaagtgcggctgcagccccggggatggggggccacagccccgggcccagagccagtga