

## PTGDS-prostaglandin D2 synthase 21kDa (brain) Gene

Reference: PTXBC005939

|                |                                                                                                                                                                                                                                                                 |                     |                |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------|
| Product type:  | DNA                                                                                                                                                                                                                                                             | Storage Condition:  | -20°C          |
| Size/Quantity: | 2 ug                                                                                                                                                                                                                                                            | Delivery Condition: | +4°C, Blue Ice |
| Synonyms       | L-PGDS; LPGDS; PDS; PGD2; PGDS; PGDS2; prostaglandin-H2 D-isomerase; PGD2 synthase; beta-trace protein; cerebrin-28; glutathione-independent PGD synthase; glutathione-independent PGD synthetase; lipocalin-type prostaglandin D synthase; prostaglandin D syn |                     |                |

**For research use only.**

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|-------------------------|---------------------------------------------------------------------------------------------------|
| <b>GENE DESCRIPTION</b> | prostaglandin D2 synthase 21kDa (brain)                                                           |
| <b>GENE ID</b>          | 5730                                                                                              |
| <b>ORIGIN SPECIES</b>   | Human                                                                                             |
| <b>ACCESSIONS</b>       | BC005939                                                                                          |
| <b>VECTOR</b>           | pDONR223                                                                                          |
| <b>NCBI SYMBOL</b>      | PTGDS                                                                                             |
| <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 )

atggctactcatcacgcgtgtggaagggaactggccctgctgggggtgctggggcagctgagggcagccggagggccagggtctccgtgcagcccaacttcagcaggacaaagttcctggggcgctggttcagcgccggcctcgccccaactcgagctggctccgggagaagaa  
ggcggcggtgtccatgtgcaagtctgtgtggccctgccacggatgggtggcctcaactgacctccctcaggaaaaaccagttgtgagaccgaacatgctgctgagcccgccgggggtccctcgctcctacagctaccggagtcctccactggggcagcaactactcgtgtc  
agtgtggagaccgactacgaccagtacgcgtgctgtacagccagggcagcaaggccctggcgaggacttccgcatggccaccctctacagccgaacccagaccccgagggctgagttaaaggagaattcaccgcctctgcaaggcccgaggttcacagaggataccattgt  
cttctgccccaaaccgataagtgcgtgacggaacaatag