

## PGDS-prostaglandin D2 synthase, hematopoietic Gene

Reference: PTXBC020734

|                |                                                                                                                                                                                                                                                                 |                     |                |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------|
| Product type:  | DNA                                                                                                                                                                                                                                                             | Storage Condition:  | -20°C          |
| Size/Quantity: | 2 ug                                                                                                                                                                                                                                                            | Delivery Condition: | +4°C, Blue Ice |
| Synonyms       | PGDS; GSTS; GSTS1; GSTS1-1; PGD2; hematopoietic prostaglandin D synthase; GST class-sigma; glutathione S-transferase sigma; glutathione-dependent PGD synthase; glutathione-dependent PGD synthetase; glutathione-requiring prostaglandin D synthase; hematopoi |                     |                |

**For research use only.**

---

|                         |                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------|
| <b>GENE DESCRIPTION</b> | prostaglandin D2 synthase, hematopoietic                                                          |
| <b>GENE ID</b>          | 27306                                                                                             |
| <b>ORIGIN SPECIES</b>   | Human                                                                                             |
| <b>ACCESSIONS</b>       | BC020734                                                                                          |
| <b>VECTOR</b>           | pDONR223                                                                                          |
| <b>NCBI SYMBOL</b>      | PGDS                                                                                              |
| <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 )

atgccaaactacaaactcacttattttaatatgagggggagagcagaaaattatcgttacatatttgcctatttggacatacagatgaagaccacagaatagaacaagctgactggcctgaaatcaaatcaactctccatttggaaaaatccccatttgaagttgatggacttactctcaccag  
agcctagcaatagcaagatatttgacaaaaacacagatttggctggaaacacagaaatggaacaatgcatgttgatgctatttggacactctggatgatttcattgcatgttttcttggcagagaaaaagcaagatgtgaaagagcagatgttcaatgagctgctcagataatgcgcct  
catcttatgcaagacttggacacatatttagggggagagaatggcctatttggtaactctgtaacttggcagactctactgggagatttgcagaccacacttttggctttaaagcctgacctgttagacaacctccaagcctgggtgactttacggaagaagtccaagccattctgcgcgtcg  
ctaactggataaaacgaaggccccaacaaactctag