

## Recombinant Mouse Ptgis Protein, Myc/DDK-tagged

**Cat. No.** Ptgis-5222M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length prostaglandin I2 (prostacyclin) synthase (Ptgis), with C-terminal MYC/DDK tag, expressed in HEK293T cells. |
| <b>Species</b>          | Mouse                                                                                                                                                        |
| <b>Source</b>           | HEK293                                                                                                                                                       |
| <b>Description</b>      | Catalyzes the isomerization of prostaglandin H2 to prostacyclin (= prostaglandin I2).                                                                        |
| <b>Molecular Mass</b>   | 57.5 kDa                                                                                                                                                     |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                  |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.                                                                                                               |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method                                                                                                             |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                        |

### GENE INFORMATION

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|------------------|--------------------------------------------------------------------------------------|
| <b>Gene Name</b> | Ptgis prostaglandin I2 (prostacyclin) synthase [ <i>Mus musculus</i> (house mouse) ] |
|------------------|--------------------------------------------------------------------------------------|

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|                 |                                                                                            |
|-----------------|--------------------------------------------------------------------------------------------|
| Official Symbol | <a href="#">Ptgis</a>                                                                      |
| Synonyms        | PTGIS; prostaglandin I2 (prostacyclin) synthase; prostacyclin synthase; Cyp8; Pgis; Cyp8a1 |
| Gene ID         | <a href="#">19223</a>                                                                      |
| mRNA Refseq     | <a href="#">NM_008968</a>                                                                  |
| Protein Refseq  | <a href="#">NP_032994</a>                                                                  |
| UniProt ID      | <a href="#">O35074</a>                                                                     |

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