

## 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

**Gene Name** Ptgis prostaglandin I2 (prostacyclin) synthase [ *Mus musculus* (house mouse) ]

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<b>Official Symbol</b>	Ptgis
<b>Synonyms</b>	PTGIS; prostaglandin I2 (prostacyclin) synthase; prostacyclin synthase; Cyp8; Pgis; Cyp8a1
<b>Gene ID</b>	19223
<b>mRNA Refseq</b>	NM_008968
<b>Protein Refseq</b>	NP_032994
<b>UniProt ID</b>	O35074

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