

## Recombinant Mouse Pgrmc2 Protein, Myc/DDK-tagged

Cat. No. PGRMC2-12701M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of Mouse progesterone receptor membrane component 2 (Pgrmc2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Required for the maintenance of uterine histoarchitecture and normal female reproductive lifespan. May serve as a universal non-classical progesterone receptor in the uterus. Intracellular heme chaperone required for delivery of labile, or signaling heme, to the nucleus. Plays a role in adipocyte function and systemic glucose homeostasis. In brown fat, which has a high demand for heme, delivery of labile heme in the nucleus regulates the activity of heme-responsive transcriptional repressors such as NR1D1 and BACH1.
<b>Molecular Mass</b>	23.8 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

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**Storage Buffer** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

## GENE INFORMATION

**Gene Name** Pgrmc2 progesterone receptor membrane component 2 [ Mus musculus (house mouse) ]

**Official Symbol** Pgrmc2

**Synonyms** Pgrmc2; progesterone receptor membrane component 2; DG6; PMBP; 4631434O19Rik; 5730409G06Rik; membrane-associated progesterone receptor component 2; progesterone membrane binding protein

**Gene ID** 70804

**mRNA Refseq** NM\_027558

**Protein Refseq** NP\_081834

**UniProt ID** Q80UU9

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