

Recombinant Mouse Pgrmc2 Protein, Myc/DDK-tagged

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

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse progesterone receptor membrane component 2 (Pgrmc2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	23.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>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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