

Recombinant Mouse Pgrmc1 Protein, Myc/DDK-tagged

Cat. No. Pgrmc1-4829M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length progesterone receptor membrane component 1 (Pgrmc1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Component of a progesterone-binding protein complex. Binds progesterone. Has many reported cellular functions (heme homeostasis, interaction with CYPs). Required for the maintenance of uterine histoarchitecture and normal female reproductive lifespan. Intracellular heme chaperone. Regulates heme synthesis via interactions with FECH and acts as a heme donor for at least some hemoproteins.
Molecular Mass	22.1 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
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Pgrmc1 progesterone receptor membrane component 1 [Mus musculus (house mouse)]
Official Symbol	Pgrmc1
Synonyms	Pgrmc1; progesterone receptor membrane component 1; P; Ve; mPR; HPR6; PPMR; Vema; HPR6.6; AA415812; membrane-associated progesterone receptor component 1
Gene ID	53328
mRNA Refseq	NM_016783
Protein Refseq	NP_058063
UniProt ID	O55022

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