

Recombinant Mouse Ptger4 Protein, Myc/DDK-tagged

Cat. No. Ptger4-5219M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length prostaglandin E receptor 4 (subtype EP4) (Ptger4), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Receptor for prostaglandin E2 (PGE2). The activity of this receptor is mediated by G(s) proteins that stimulate adenylate cyclase. Has a relaxing effect on smooth muscle. May play an important role in regulating renal hemodynamics, intestinal epithelial transport, adrenal aldosterone secretion, and uterine function.
Molecular Mass	56.6 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	Ptger4 prostaglandin E receptor 4 (subtype EP4) [Mus musculus (house mouse)]
Official Symbol	Ptger4
Synonyms	PTGER4; prostaglandin E receptor 4 (subtype EP4); prostaglandin E2 receptor EP4 subtype; prostanoid EP4 receptor; PGE receptor EP4 subtype; PGE2 receptor EP4 subtype; prostaglandin E receptor EP4 subtype; prostaglandin E receptor 4 (EP4 subtype); EP4; Ptgerep4
Gene ID	19219
mRNA Refseq	NM_008965
Protein Refseq	NP_032991
UniProt ID	P32240

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