

Recombinant Mouse Ptgr2 Protein, Myc/DDK-tagged

Cat. No. Ptgr2-5224M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length prostaglandin reductase 2 (Ptgr2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Functions as 15-oxo-prostaglandin 13-reductase and acts on 15-keto-PGE1, 15-keto-PGE2, 15-keto-PGE1-alpha and 15-keto-PGE2-alpha with highest activity towards 15-keto-PGE2. Overexpression represses transcriptional activity of PPARG and inhibits adipocyte differentiation.
Molecular Mass	38.1 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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	Ptgr2 prostaglandin reductase 2 [Mus musculus (house mouse)]
Official Symbol	Ptgr2
Synonyms	PTGR2; prostaglandin reductase 2; 15-oxoprostaglandin 13-reductase; zinc binding alcohol dehydrogenase, domain containing 1; zinc-binding alcohol dehydrogenase domain-containing protein 1; PGR-2; PRG-2; Zadh1; AI838763; 1810016I24Rik; 9130222H03Rik; 9630002F03Rik; B830026H24Rik
Gene ID	77219
mRNA Refseq	NM_029880
Protein Refseq	NP_084156
UniProt ID	Q8VDQ1

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