

Recombinant Full Length Human Prostaglandin Reductase 1 / PTGR1, GST-tagged

Cat. No. PTGR1-2048H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PTGR1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-329aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	PTGR1 prostaglandin reductase 1 [Homo sapiens]
Official Symbol	PTGR1
Synonyms	PTGR1; prostaglandin reductase 1; leukotriene B4 12 hydroxydehydrogenase , LTB4DH; ZADH3; zinc binding alcohol dehydrogenase domain containing 3; PRG-1; 15-oxoprostaglandin 13-reductase; leukotriene B4 12-hydroxydehydrogenase; NADP-

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	dependent leukotriene B4 12-hydroxydehydrogenase; PGR1; LTB4DH; FLJ99229; MGC34943;
Gene ID	22949
mRNA Refseq	NM_001146108
Protein Refseq	NP_001139580
MIM	601274
UniProt ID	Q14914
Chromosome Location	9q32
Function	15-oxoprostaglandin 13-oxidase activity; 2-alkenal reductase [NAD(P)] activity; alcohol dehydrogenase (NAD) activity; nucleotide binding; oxidoreductase activity; zinc ion binding;

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