Recombinant Human PTGR1 Protein, GST-tagged

Cat. No. PTGR1-4593H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human LTB4DH partial ORF (NP_036344, 230 a.a. - 328 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes an enzyme that is involved in the inactivation of the chemotactic factor, leukotriene B4. The encoded protein specifically catalyzes the NADP+ dependent conversion of leukotriene B4 to 12-oxo-leukotriene B4. A pseudogene of this gene is found on chromosome 1. Alternative splicing results in multiple transcript variants. [provided by RefSeq
Molecular Mass	36.63 kDa
AA Sequence	MKKFGRIAICGAISTYNRTGPLPPGPPPEIVIYQELRMEAFVVYRWQGDARQKALKD LLKWVLEGKIQYKEYIIEGFENMPAAFMGMLKGDNLGKTIVK
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.

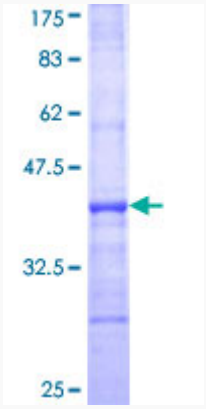
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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-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

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

Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue

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