

Recombinant Full Length Sheep Prostaglandin G/H Synthase 1(Ptgs1) Protein, His-Tagged

Cat. No. RFL34487OF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Sheep Prostaglandin G/H synthase 1(PTGS1) Protein (P05979) (25-600aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Sheep
Source	E.coli
ProteinLength	Full Length of Mature Protein (25-600)
Form	Lyophilized powder
AA Sequence	ADPGAPAPVNPCCYYPCQHQGICVRFGLDTRYQCDCTRTGYSGPNCTIPEIWTWLRT TLRP SPSFIHFMLTHGRWLWDFVNATFIRDTLMRLVLTVRSNLIPSPPTYNIAHDYIS WESFSN VSYYTRILPSVPRDCPTPMGKTKGKKQLPDAEFLSRRFLLRRKFIPDPQGT NLMFAFFAQH FTHQFFKTSGKMGPFGFTKALGHGVDLGHIYGDNLERQYQLRFLKD GKLKYQMLNGEVYPP SVEEAPVLMHYPRGIPPQSQMAVGQEVFGLLPGLMLYATI WLREHNRVCDLLKAEHPTWG DEQLFQTARLILIGETIKIVIEEYVQQLSGYFLQLKFD PELLFGAQFQYRNRIAMEFNQL YHWHPLMPDSFRVGPQDYSYEQLFNTSMLVDY GVEALVDAFSRQPAGRIGGGRNIDHHI LHVAVDVIKESRVLRLQPFNEYRKRFGMKP YTSFQELTGEKEMAAELEELYGDIDALEFY PGLLLEKCHPNSIFGESMIEMGAPFSLK GLLGNPICSPEYWKASTFGGEVGFNLVKTATL KKLVCNLTKTCPYVSFHVDPDRQE DRPGVERPPTEL
Purity	Greater than 90% as determined by SDS-PAGE.

 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

Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	PTGS1
Synonyms	PTGS1; COX1; Prostaglandin G/H synthase 1; Cyclooxygenase-1; COX-1; Prostaglandin H2 synthase 1; PGH synthase 1; PGHS-1; PHS 1; Prostaglandin-endoperoxide synthase 1
UniProt ID	P05979

 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