

PTGS2 抗原（重组蛋白）

中文名称： PTGS2 抗原（重组蛋白）

英文名称： PTGS2 Antigen (Recombinant Protein)

别名： prostaglandin-endoperoxide synthase 2; COX2; COX-2; PHS-2; PGG/HS; PGHS-2; hCox-2; GRIPGHS

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 401-604 amino acids of human PTGS2

技术规格

Full name:	prostaglandin-endoperoxide synthase 2
Synonyms:	COX2; COX-2; PHS-2; PGG/HS; PGHS-2; hCox-2; GRIPGHS
Swissprot:	P35354
Gene Accession:	BC013734
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	Prostaglandin-endoperoxide synthase (PTGS), also known as cyclooxygenase, is the key enzyme in prostaglandin biosynthesis, and acts both as a dioxygenase and as a peroxidase. There are two isozymes of PTGS: a constitutive PTGS1 and an inducible PTGS2, which differ in their regulation of expression and tissue distribution. This gene encodes the inducible isozyme. It is regulated by specific stimulatory

events, suggesting that it is responsible for the prostanoid biosynthesis involved in inflammation and mitogenesis.