

Cyclooxygenase-2 (COX 2) Recombinant Protein | COX2 recombinant protein

Recombinant Cyclooxygenase-2 (COX 2)

CATALOG # AAA153385	HOST E coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Cyclooxygenase-2 (COX 2); Recombinant Cyclooxygenase-2 (COX 2); Cyclooxygenase-2; COX 2 recombinant protein (prokaryotic); Rat; PGG/HS; PGHS2; PHS2; HCoX2; PTGS2; Prostaglandin Endoperoxide Synthase 2; Prostaglandin G/H Synthase And Cyclooxygenase; Prostaglandin H2 synthase 2; COX2 recombinant protein

PRODUCT SPECIFICATIONS

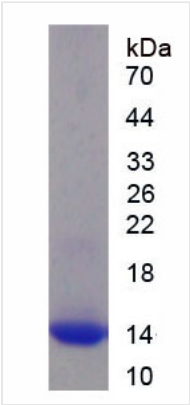
Host	E coli
Purity/Purification	Greater than 95% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Tyr240–Leu351
Applicable Applications for COX2 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Species	Rat
Tag	N-terminal His
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	5.1
Subcellular Location	Membrane
Research Area	Enzyme & Kinase
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES

YQVIGGEVYPPTVKDTQVDHLYPHNPEHLRFVAVQGEVGLVPLMRYATINLREHNRVCDILKQEHPEMDERLFQTSRLILIGETI
KIVIEDYVQHLSDYHFKLKDFPEL

Amino Acid Info

Amino Acid info



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for COX2 recombinant protein	Prokaryotic proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	148747270
NCBI GeneID	29527
NCBI Accession #	NP_058928.3
NCBI GenBank Nucleotide #	NM_017232.3
UniProt Accession #	P35355; Q64379; Q925V4
Molecular Weight	69.2
NCBI Official Full Name	prostaglandin G/H synthase 2
NCBI Official Synonym Full Names	prostaglandin-endoperoxide synthase 2
NCBI Official Symbol	Ptgs2
NCBI Official Synonym Symbols	Cox2; COX-2
NCBI Protein Information	prostaglandin G/H synthase 2; PGHS-2; PHS II; PGH synthase 2; cyclooxygenase 2; cyclooxygenase-2; prostaglandin H2 synthase 2
UniProt Protein Name	Prostaglandin G/H synthase 2
UniProt Gene Name	Ptgs2
UniProt Synonym Gene Names	Cox-2; Cox2; COX-2; PGH synthase 2; PGHS-2
UniProt Entry Name	PGH2_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.