

Product Information

Recombinant Human PTGS2, His tagged

Product Information	
Catalog#	MK0620H
Product Name	Recombinant Human PTGS2, His tagged
Product Overview	Recombinant Human PTGS2 (NP_000954.1) (Met 1-Leu 604), fused with a polyhistidine tag at the C-terminus, was produced in Baculovirus-Insect cells.
Description	Prostaglandin G / H synthase 2, also known as Cyclooxygenase-2, Prostaglandin-endoperoxide synthase 2, Prostaglandin H2 synthase 2, PGH synthase 2, PTGS2 and COX2, is a microsome membrane and peripheral membrane protein which belongs to the prostaglandin G/H synthase family.
Source	Baculovirus-Insect cells
Species	Human
Tag	His
Formulation	Lyophilized from sterile 50mM Tris, 100mM NaCl, 0.5mM PMSF, 10% glycerol, pH 8.0
Storage	Store under sterile conditions at -20°C to -80°C. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.
Molecular Mass	The recombinant human PTGS2 consists of 597 amino acids and predicts a molecular mass of 68.5 kDa. It migrates as an approximately 66 kDa band in SDS-PAGE under reducing conditions.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Endotoxin	Less than 1.0 EU per µg as determined by the LAL method.
Notes	Research Use Only. Not for use in clinical procedures. Avoid repeated freeze-thaw cycles.