

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

Recombinant Human COX-2 Protein, Virus ABB-RP02992

Article Name	Recombinant Human COX-2 Protein, Virus
Biozol Catalog Number	ABB-RP02992
Supplier Catalog Number	RP02992
Alternative Catalog Number	ABB-RP02992-50UG
Manufacturer	ABclonal
Host	Virus
Category	Proteine/Peptide
Species Reactivity	Human
Immunogen	Met 1-Leu 604
Product Description	PTGS2, also known as COX-2, is a component of Prostaglandin-endoperoxide synthase (PTGS). 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 ...
Concentration	< 1 EU/μg of the protein by LAL method.
Molecular Weight	68.5 kDa
Tag	C-His
NCBI	5743
UniProt	P35354
Source	Baculovirus-Insect Cells

Purity	90 % as determined by SDS-PAGE.
Form	Lyophilized from sterile 50mM Tris, 100mM NaCl, 0.5mM PMSF, 10% glycerol, pH 8.0.
Sequence	MLARALLLCAVLALSHTANPCCSHPCQNRGVCMSVGFDQYKCDCTRTGFYG ENCSTPEFLTRIKLFLKPTPNTVHYILTHFKGFWNVVNNIPFLRNAIMSYVLTSR SHLIDSPPTYNADYGYKSWEAFSNLSYYTRALPPVPDDCPTPLGVKGKKQLPD SNEIVEKLLLRKFIPDPQGSNMMFAFFAQHFTHQFFKTDHKRGPAFTNGLGH GVDLNHIYGETLARQRKLRLFKDGKMKYQIIDGEMYPTVKDT
Target	PTGS2
Application Dilute	Lyophilized from sterile 50mM Tris, 100mM NaCl, 0.5mM PMSF, 10% glycerol, pH 8.0.
Application Notes	Cross-Reactivity: Centrifuge the vial before opening. It is recommended that sterile water (200uL) be added to the vial to prepare a stock solution of 0.25mg/mL. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles. Research Area: Other Recombinant Protein