Product: **Human COX-2 (cyclooxygenase-2)**
Catalog #: **12-7811A**
Amount: **1 KU**

SOURCE:	Recombinant COX-2 isolated from a Baculovirus Expression System in Sf21 cells
MR:	70-74 kDa/subunit, Homodimer
BUFFER:	80 mM Tris-HCl, pH 8.0, containing 0.1% Tween 20 and 300µM DDC
UNIT DEFINITION:	One unit of enzyme consumes one nanomole of oxygen per minute at 37°C in 0.1 M Tris-HCl buffer pH 8.0, containing 100µM Arachidonate, 5mM EDTA, 2 mM Phenol, and 1µM Hematin. The cyclooxygenase activity of COX-2 was measured at 37°C by monitoring oxygen consumption using Gibson Model 5/6 H Oxygraph equipped with a Clark Oxygen Electrode.
PURITY:	= 70%
STORAGE:	-80°C (aliquot), AVOID repeated freeze & thawing

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489 Common Street, Belmont, MA 02478, USA; Email: info@arp1.com or staff@arp1.com
Phone: 800-832-2611 or 617-489-1120 Fax: 888-832-2613 or 617-489-5120