

Product Specification Sheet

Recombinant Human Cox-2
Product Number: RP02
Aliquot: 250 Units
Lot Number: 020701RM
Storage: -70°C

DESCRIPTION:	This recombinant human cyclooxygenase 2 (Cox-2) is provided in the active form for maximal utility as a metabolizing enzyme.
ALIAS:	Prostaglandin H Synthase-2 (PGHS-2)
ALiquOT:	250 Units
CONCENTRATION:	15.0 mg/mL
ENZYME ACTIVITY:	4890 Units/mL as determined by oxygen consumption assay.
SPECIFIC ACTIVITY:	325.3 Units/mg protein
DEFINITION OF UNIT:	One unit of prostaglandin synthase is defined as one nanomole of PGH ₂ converted from arachidonic acid per minute at 37°C.
STORAGE BUFFER:	PBS containing 20 mM imidazole and 0.1% C ₁₀ E ₆ detergent.
STORAGE:	-70° C. Do not vortex. Avoid repeated freeze-thaws.
SOURCE:	Insect cell lysate
ASSAY:	Oxygen consumption assay and TLC activity assay are available upon request.