

Cyclooxygenase 1, sheep

Cat. No.:	HY-E70229
CAS No.:	329967-85-3
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

Cyclooxygenase 1, sheep

BIOLOGICAL ACTIVITY

Description

Cyclooxygenase 1, sheep (COX-1) is a 71 kDa membrane bound protein predominantly present in endoplasmic reticulum. Cyclooxygenase 1 has three domains, the epidermal growth factor (EGF) like domain, enzymatic and membrane binding domain. Cyclooxygenase 1 mediates prostaglandin synthesis and is modulated by anti-inflammatory nonsteroidal drugs^[1].

REFERENCES

[1]. Katrina M Mirabito Colafella, et al. Aspirin for the prevention and treatment of pre-eclampsia: A matter of COX-1 and/or COX-2 inhibition? Basic Clin Pharmacol Toxicol. 2020 Aug;127(2):132-141.

Caution: Product has not been fully validated for medical applications. For research use only.

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