

Cholera toxin

Cell Culture Reagents-Growth Supplements

Catalogue Number: CC104

Description: Toxin consisting of an A subunit (27 kDa) with five B subunits (approximately 12 kDa each) surrounding, which attach the toxin to ganglioside GM1 on the cell surface. The A subunit catalyzes ADP-ribosylation of the α -subunit of the stimulatory G protein (Gas), reducing GTPase activity and activating the α -subunit. This activation of Gas leads to an increase in the activity of adenylyl cyclase, resulting in increased levels of cAMP. Cholera toxin has also been reported to ADP-ribosylate tubulin. Shown to be a potent mucosal vaccine adjuvant, inducing T helper cell type 2 responses by inhibiting the production of interleukin-12.

Physical Appearance: Sterile filtered clear solution.

Formulation: 50 μ g/ml solution.

Pack Size: 1.0 mL

Stability: Stored at -20°C. Please avoid freeze-thaw cycles.

Suitability: Cell culture tested.

FOR RESEARCH USE ONLY, NOT FOR USE IN DIAGNOSTIC AND THERAPEUTIC PROCEDURES



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