Cholera toxin (Vibrio cholerae), (azide free)

G protein activator

May require a license for import, please contact us for more information.

Cholera toxin consists of a single A subunit surrounded by five B subunits. The B subunits are responsible for the attachment of the native toxin to ganglioside GM1 on mammalian cell surfaces, and facilitate translocation of the A subunit. The A subunit catalyzes the ADP-ribosylation of an arginine residue on the a subunit of G proteins, reducing intrinsic GTPase activity and activating the a subunit. ADP-ribosylation of other proteins such as human red cell Ca-ATPase has also been reported. Cholera toxin must interact with ADP-ribosylation factor (ARF) for maximal activity.

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BML-G117-0001	1mg

Manuals, SDS & CofA View Online »

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Handling	Handle gently and do not vortex. Store at +4°C prior to and following reconstitution. Do not freeze.
Long Term Storage	+4°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

CAS	9012-63-9
Formulation	Lyophilized from 0.05M Tris, pH 7.5, containing 200 mM NaCl, and 1 mM Na_2 EDTA.
Reconstitution	Reconstitute with 0.5ml sterile water to a 2mg/mL solution.
Source	From *Vibrio cholerae*.
UniProt ID	P01555 (A subunit), P01556 (B subunit)

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ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com