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32-9103: Recombinant C. jejuni Cytolethal Distending Toxin B/CdtB (N-His)

Alternative Name : cdtB; CDT; Cytolethal distending toxin subunit B

Description

Source : E. coli;
Cytolethal distending toxins (CDTs) are a class of heterotrimeric toxins produced by certain gram-negative bacteria that display DNase activity. These toxins cause G2/M cell cycle arrest in specific mammalian cell lines, leading to the enlarged or distended cells. Affected cells die by apoptosis. Each toxin consists of three distinct subunits. Cytolethal distending toxins are classified as AB toxins, with an active ("A") subunit that directly damages DNA and a binding ("B") subunit that helps the toxin attached to the target cells. CdtB is the active subunit and a homolog to mammalian DNase I, whereas CdtA and CdtC make up the binding subunit.

Product Info

Amount : 500 µg / 50 µg
Content : Supplied as a 0.2 um filtered solution of 2umM PB, 15umM NaCl, pH7.2
Amino Acid : Recombinant C. jejuni Cytolethal Distending Toxin B is produced by E.coli. The target gene encoding N27-F265 is expressed with a 6His tag at the N terminus.