



Via Sant'Anna 131-135
61030 Cartoceto PU (IT)
Telephone + 39 (0)721830605
Fax +39 (0)721837154
e-mail: info@diatheva.com
www.diatheva.com



Recombinant *Listeria monocytogenes* Listeriolysin O (LLO)

REP0006-REP0007

50µg - 100µg

Description

Recombinant listeriolysin O with haemolytic activity.

The secreted pore-forming protein listeriolysin O (LLO) is an essential virulence determinant of the facultative intracellular bacterium *Listeria monocytogenes* that allows the pathogen to escape from the phagocytic vacuole and reach the host cytosol.

LLO is a single polypeptide protein encoded by the *hlyA* gene and composed of 529 residues.

Product type

Biologically active recombinant protein lacking the secretion signal peptide

Peptide

Recombinant protein: Listeriolysin O from *Listeria monocytogenes* – Accession number: **AF253320.1** from amino acids 26 to 529

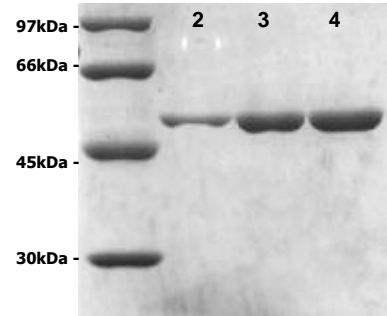
Expression system

Escherichia coli

Purity

>90% pure estimated by SDS PAGE (EU Ph. 5.0 § 2.5.31)

Purified recombinant LLO protein (lane 1, molecular weight standard; lane 2, 1µg; lane 3, 3µg; lane 4, 5µg) was separated by SDS-PAGE (14% polyacrylamide) and stained with Coomassie Blue.



Form

Liquid

Storage buffer

50mM NaH₂PO₄, 0.5M NaCl, 2.7mM KCl, 1mM EDTA, 1mM DTT, 5%(v/v) glycerol.

Storage instructions

Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.