

LLO PEST free Recombinant Protein



RPPB3869

Product Information Protein Information

Product SKU:

RPPB3869

Accession:

Q9L5B9

Host:

Escherichia Coli.

Protein description:

Recombinant Listeriolysin O is a single polypeptide protein encoded by the hlyA gene and composed of 529 residues. PEST sequence is 19 amino acids peptide located at the protein NH 2-terminus, that targets the toxin for degradation. This motif is essential for bacterial virulence.

Appearance:

Sterile Filtered clear solution.

Synonyms:

Listeriolysin-O, LLO, hlyA.

Formulation:

The protein contains 50mM NaH₂PO₄, 1mM EDTA, 2.7mM KCl, 1mM DTT, 5% glycerol and 0.5M NaCl.

Purity:

Greater than 90.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Avoid multiple freeze-thaw cycles.

Biological Activity:

7x10⁴ HU/mg. 2mM DTT could be used to reactivate the toxin.