

RPPB3868

Product Information Protein Information

Product SKU:

RPPB3868

Accession:

Q9L5B9

Host:

Escherichia Coli.

Protein description:

LLO is a single, non-glycosylated polypeptide chain containing 529 amino acids and having a molecular mass of 58kDa. (accession number: AAF64524).

Appearance:

Sterile Filtered clear solution.

Synonyms:

Listeriolysin-O, LLO, hlyA.

Formulation:

The protein contains 50mM NaH₂PO₄, 1mM EDTA, 2.7mM KCl, pH 6.4, 1mM DTT, 5% (v/v) 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:

Hemolytic activity for Recombinant Listeriolysin O was 1.18 x 10⁵ HU/mg of protein where HU means hemolytic activity unit that is the amount of toxin needed to release half the hemoglobin (50% lysis) of the erythrocytes as determined by hemolysin assay. 2mM DTT is used to reactivate the toxin.