

Listeriolysin-O Active Protein | LLO active protein

Recombinant Listeriolysin-O

CATALOG #
AAA10833

PRODUCT SYNONYMS

Listeriolysin-O; Recombinant Listeriolysin-O; LLO; hlyA; LLO active protein

PRODUCT SPECIFICATIONS

Purity/Purification	Greater than 90.0% as determined by SDS-PAGE.
Form/Format	Sterile filtered clear solution The protein (0.75 mg/mL) contains 50mM NaH ₂ PO ₄ , 1mM EDTA, 2.7 mM KCl, pH 6.4, 1 mM DTT, 5% (v/v) glycerol and 0.5M NaCl.
Source	Escherichia Coli.
Biological Activity	Hemolytic activity for Recombinant Listeriolysin O was 1.18 x10 ⁵ 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.
Preparation and Storage	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.

ADDITIONAL INFORMATION

Related Product Information for LLO active protein	LLO is a single, non-glycosylated polypeptide chain containing 529 amino acids and having a molecular mass of 58kDa. (accession number: AAF64524).
Product Categories/Family for LLO active protein	Recombinant & Natural Proteins ; Recombinant Proteins ; Listeriolysin

NCBI AND UNIPROT INFORMATION

NCBI GI #	75416598
UniProt Accession #	Q9L5B9
NCBI Official Full Name	Listeriolysin O
UniProt Protein Name	Listeriolysin O
UniProt Gene Name	hlyA
UniProt Entry Name	Q9L5B9_LISMN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/llo-active-protein/listeriolysin-o/10833>