

Certificate of Analysis

Name: *Borrelia burgdorferi* VlsE recombinant protein, MBP-tag

Product code: REC31669-100

Batch #: R001218

Description: Recombinant *Borrelia burgdorferi* VlsE protein (NCBI accession number CAH61549.1) produced in *E. coli*. Protein contains a MBP-tag and is visible on SDS-PAGE at 78.7 kDa (36.3 kDa for VlsE and 42.4 kDa for MBP)

Amount: 100µg

Protein conc.: 1.0 mg/mL by UV absorbance at 280 nm

Purity: >90% pure (by SDS-PAGE)

Presentation: Liquid, 0.2µm filter sterilised.

Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 and 0.01% (w/v) Sodium Azide

Usage guidelines

Storage: Short term: +2°C to +8°C
Long Term: -80°C

Stability: At +4°C: not determined
At -80°C: not determined

Freezing: Can be frozen, but avoid multiple freeze/thaw cycles



QC Officer

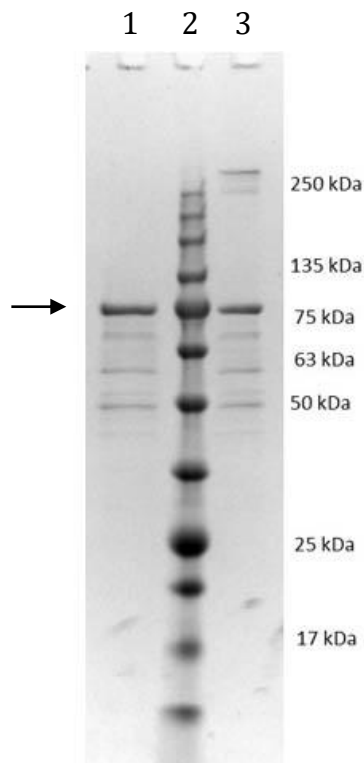
13 DECEMBER 2018

Date



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SDS-Page of recombinant VlsE protein. Lane 1: VlsE-MBP reduced. Lane 2: Molecular Weight Marker. Lane 3: VlsE-MBP non-reduced. Expected MW for VlsE-MBP is ~78 kDa as indicated by the arrow (~36 kDa for VlsE and ~42 kDa for MBP).