

Certificate of Analysis

Name:	Borrelia burgdorferi DbpB recombinant protein, MBP-tag
Product code:	REC31661-100
Batch #:	R001218
Description:	Recombinant <i>Borrelia burgdorferi</i> DbpB protein (NCBI accession number NP_045698.1) produced in <i>E. coli</i> . Protein contains a MBP-tag and is visible on SDS-PAGE at 60.3 kDa for DbpB-MBP (17.9 kDa for DbpB 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: $+2^{\circ}C$ to $+8^{\circ}C$
Stability:	Long Term: -80°C At +4°C: not determined At -80°C: not determined
Freezing:	Can be frozen, but avoid multiple freeze/thaw cycles

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02 JANUARY 2019_

QC Officer

Date

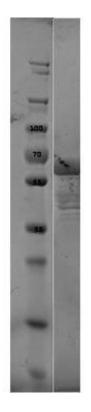




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SDS-PAGE of DbpB Protein. Lane 1: Molecular Weight Marker. Lane 2: DbpB Protein. Load: 10 μ l at 1:2 dilution. Predicted/Observed size: 72.7 kDa fusion protein, 30.3 kDa for DbpB, 42.4 kDa for MBP alone.

