

### Certificate of Analysis

**Name:** *Borrelia burgdorferi* Surface Lipoprotein P27 recombinant protein, MBP-tag

**Product code:** REC31675-100

**Batch #:** R001218

**Description:** Recombinant *Borrelia burgdorferi* Surface Lipoprotein P27 protein (NCBI accession number NP\_0457331.1) produced in *E. coli*. Protein contains a MBP-tag and is visible on SDS-PAGE at 73.3 kDa for P27-MBP (30.9 kDa for P27 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.

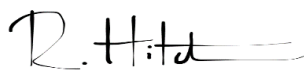
**Buffer:** 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 and 0.01% (w/v) Sodium Azide

**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



02 JANUARY 2019

QC Officer

Date