

Certificate of Analysis

Name: *Borrelia burgdorferi* CRASP-1 recombinant protein, MBP-tag

Product code: REC31658-100

Batch #: R001218

Description: Recombinant *Borrelia burgdorferi* CRASP-1 protein (NCBI accession number NP_045741) produced in *E. coli*. Protein contains a MBP-tag and is visible on SDS-PAGE at 69.3 kDa for CRASP-1-MBP (26.9 kDa for CRASP-1 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

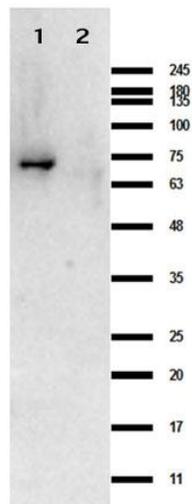
QC Officer

Date



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Western Blot results of Rabbit Anti-CRASP-1 Antibody. Lane 1: CRASP-1 protein. Lane 2: MBP. Load: 0.05 μ L. Primary Antibody: Rabbit Anti-CRASP-1 Antibody at 1.0mg/mL overnight at 4°C. Secondary Antibody: Goat anti-Rabbit at 1:70,000 for 30 min at RT. Blocking for 30min at room temperature. Expect: ~63.9kDa.