

## CERTIFICATE OF ANALYSIS

**Important Note:** Centrifuge before opening to ensure complete recovery of vial contents.

**Catalog #:** R01576 **Lot #:** 8D09722

**Description:** *B. afzelii* Osp-C Recombinant  
*Borrelia afzelii* Osp-C, Recombinant

Recombinant *Borrelia afzelii* Osp-C produced from the complete ORF of the Osp-C gene. Contains a His-tag at the N-terminus. Molecular weight calculated from the amino acid sequence is 39.2 kDa.

**Source:** *E. coli*

**Format:** Purified, Liquid

**Purification:** > 95% pure (SDS-PAGE).

**Concentration:** 3.71 mg/mL

**Buffer:** 20 mM Phosphate, pH 8, containing 0.15 M Sodium Chloride and 0.1% Polyoxyethylene (10) Tridecyl Ether.

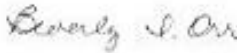
**Preservative:** None

**Applications:** Suitable for use in ELISA, Dot Blot and Western Blot. It has also been used as a positive control in ELISA. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

**Storage:** Store at -20°C to -80°C. Aliquot to avoid multiple freeze/thaw cycles.

**Inactivation:** Not Applicable

**Safety Note(s):** Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Quality Signature: 

08 April 2022

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**