

## Certificate of Analysis

**Name:** Yersinia pestis chain B F1 capsule antigen, C-terminal His-tag

**Product Code:** REC32027-100 / REC32027-500

**Batch #:** 23100916P

**Date of Manufacture:** 10 Oct 2023

**Product Description:** Yersinia pestis chain B F1 capsule antigen (Antig\_Caf1), purified from inclusion bodies using immobilised metal affinity chromatography and dialysis

**Expression System:** E. coli

**Accession:** 1P5U\_B

**Amino Acids:** 1-149

**Tag:** 6xHis, C-Terminus

**Expected Molecular Weight:** 17 kDa

**Observed Molecular Weight:** 18 kDa (+ multimers)

**Amount:** 0.1 mg / 0.5 mg

**Concentration:** 3.52 mg/ml

**Purity:** >95%

**Presentation:** Liquid

**Buffer:** DPBS

### **Usage Guidelines**

**Short Term Storage:** -80°C

**Long Term Storage:** -80°C

**General Storage Conditions:** Avoid multiple freeze-thaw cycles

**Stability:** n/d

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

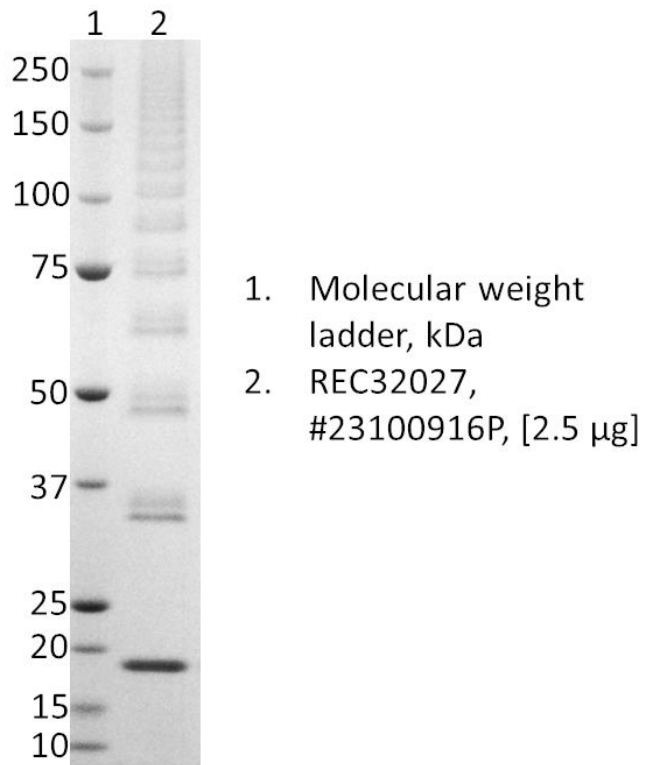
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**SDS-PAGE:** Representative Coomassie-stained reducing SDS-PAGE showing purified Yersinia pestis chain B F1 capsule antigen, C-terminal His-tag.



25/10/2023

X *H. Schuhmann*

QC

Signed by: Holger Schuhmann

25/10/2023

X *Rose*

QA

Signed by: Louise Rose

**Products are for Research Use or for Further Manufacturing Use only. Not for Diagnostic or Therapeutic Use.**

