

## Certificate of Analysis

**Name:** SARS-CoV-2 Spike Glycoprotein (Trimeric), His-Tag (CHO)

**Product Code:** REC31871-100 / REC31871-500

**Batch #:**

**Date of Manufacture:**

**Product Description:** Trimeric SARS-CoV-2 spike protein in prefusion confirmation. C-terminal transmembrane region is replaced with a trimerization domain and a polyhistidine tag. Contains two stabilizing proline mutations and mutated S1/S2 furin cleavage site (AA682-685).

**Expression System:** CHO

**Accession:** MN908947

**Strain/Isolate:** SARS-CoV-2 Betacoronavirus. Isolate Wuhan-Hu-1

**Amino Acids:** 3576 amino acids, N-terminus VNLT

**Tag:** His-tag, C-terminus

**Expected Molecular Weight:** ~400-450 kDa

**Amount:** 0.1 mg / 0.5 mg

**Concentration:** mg/ml

**Purity:** >90 % as determined by SDS-PAGE%

**Presentation:** Liquid

**Buffer:** 0.01M PBS, pH 7.4

**Endotoxin:** <1.0 EU/μg

### Usage Guidelines

**Short Term Storage:** -20°C

**Long Term Storage:** -80°C

**General Storage Conditions:** Avoid repeated freeze-thaw cycles.

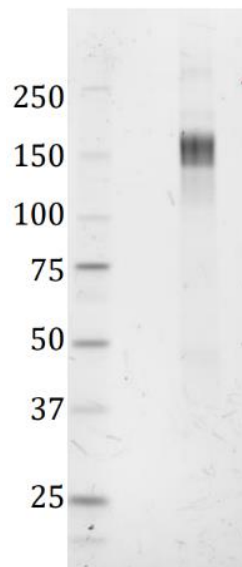
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**SDS-PAGE:** SDS-PAGE gel showing a band corresponding to the size of the spike monomer; ~ 150 kD.



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QC

X

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QA

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

