

### Certificate of Analysis

<b>Name:</b>	Recombinant HRSV (A) Glycoprotein G
<b>Product code:</b>	RSV-GPB-50
<b>Batch #:</b>	
<b>Description:</b>	Recombinant HRSV (A) Glycoprotein G, His 67 - Arg 297 (Accession # P20895) was produced in human 293 cells (HEK293).
<b>Sequence Strain:</b>	Strain Long
<b>Amount:</b>	50µg
<b>Presentation:</b>	Lyophilised
<b>Appearance:</b>	White powder
<b>Reconstitution:</b>	It is recommended to reconstitute the protein by adding 125µl sterile PBS, pH7 to a stock solution of 200µg/ml. Solubilize for 30 to 60 minutes at room temperature with occasional gentle mixing. We recommend the addition of carrier protein (0.1% (w/v) BSA) for further dilution and long-term storage. Avoid vigorous shaking or vortexing.
<b>Concentration:</b>	Dependent upon reconstitution volume.
<b>Purity:</b>	>90% pure by SDS-PAGE
<b>Buffer:</b>	DPBS pH 7.4
<b>Usage guidelines</b>	
<b>Storage:</b>	Store lyophilised product at 4°C for short term, or frozen at -20°C / -80°C for long term. Product is shipped at ambient temperature
<b>Stability before reconstitution:</b>	Ambient temperature: 1 month At +4°C: 12 months At <-20°C: 24 months

**Stability after reconstitution:**

At -80°C: 3 months

**Freezing:**

Can be frozen, but avoid multiple freeze/thaw cycles

HRSV (A) Glycoprotein G on SDS-PAGE under reducing condition. The gel was stained overnight with Coomassie Blue. RSV-G is fused with a polyhistidine tag at the C-terminus, and has a calculated MW of 26.2 kDa. The reduced protein migrates as 60-94 kDa in SDS-PAGE due to glycosylation. Purity of the protein is greater than 90%.

