

## Recombinant RSV G Protein, His-tagged

Cat. No. G-475V Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant extracellular domain of human RSV strain B1 glycoprotein G (O36633-1) (His 67-Ala 299) was fused with a polyhistidine tag at the C-terminus and a signal peptide at the N-terminus.
<b>Species</b>	RSV
<b>Source</b>	HEK293
<b>ProteinLength</b>	67-299 a.a.
<b>Predicted N Terminal</b>	His 67
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
<b>Molecular Mass</b>	The secreted recombinant human RSV strain B1 glycoprotein G comprises 244 amino acids with a predicted molecular mass of 27 kDa. As a result of highly glycosylation, the apparent molecular mass of the recombinant protein is approximately 80-90 kDa in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	>95 % as determined by SDS-PAGE.
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70°C.

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**Storage** Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** G Attachment glycoprotein (G) [ Respiratory syncytial virus ]

**Official Symbol** G

**Synonyms** Attachment glycoprotein (G)

**Gene ID** 1494474

**mRNA Refseq**

**Protein Refseq** NP\_044595

**MIM**

**UniProt ID**

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