

Recombinant Respiratory Syncytial Virus Glycoprotein G

Cat. No. GP-640R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant HRSV (A) Glycoprotein G, His 67-Arg 297 (Accession # P20895) was produced in human 293 cells (HEK293).
Species	Respiratory Syncytial Virus
Source	HEK293
ProteinLength	67-297 a.a.
Description	The virion of Respiratory Syncytial Virus (RSV) contains three surface glycoproteins, the attachment protein G, fusion protein F, and the small hydrophobic SH protein. Glycoprotein G is a type II transmembrane glycoprotein and is the major RSV attachment protein. It contains a single hydrophobic region which serves as a signal peptide and also as a membrane anchor.
Purity	>90% pure by SDS-PAGE
Storage	Store lyophilized product at 4 centigrade for short term, or frozen at -20 centigrade to -80 centigrade for long term.
Reconstitution	It is recommended to reconstitute the protein by adding 125ul 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.

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GENE INFORMATION

Gene Name	G Attachment glycoprotein (G) [Respiratory syncytial virus]
Official Symbol	G
Synonyms	G; Attachment glycoprotein (G); Glycoprotein G
Gene ID	1494474
Protein Refseq	NP_044595.1
UniProt ID	P20895

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