



Recombinant RSV Glycoprotein G [His] (DAG-H10337)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	A DNA sequence encoding the glycoprotein G extracellular domain (Asn 66-Arg297) of human respiratory syncytial virus A (93% homologous with strain rsb1734) (P27022-1) was expressed, with a C-terminal polyhistidine tag.
Species	RSV
Purity	> 92 % as determined by SDS-PAGE
Conjugate	His
Size	20 µg, 100 µg
Preservative	None
Storage	Store it under sterile conditions at -70 °C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

BACKGROUND

Introduction	Respiratory syncytial virus (RSV) is a major cause of respiratory illness in young children. infection produces a variety of signs and symptoms involving different areas of the respiratory tract, from the nose to the lungs. is a negative sense, enveloped RNA virus. The virion is variable in shape and size with average diameter of between 120 and 300 nm. The 63 kD fusion protein of the RSS 2 strain (subtype A) directs fusion of viral and cellular membranes, results in viral penetration, and can direct fusion of infected cells with adjoining cells, resulting in the formation of syncytia or multi nucleated giant cells.
Keywords	Paramyxoviridae; hypothetical protein; G Protein; Respiratory Syncytial Virus G Protein; G protein