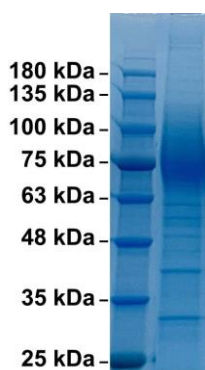


Attachment Glycoprotein G of Respiratory Syncytial Virus (RSV)(Type B)

CATALOG NUMBER: RSV-GP-30Bp

Introduction	<p>Respiratory syncytial virus (RSV) has a negative-sense, single-stranded 15kb RNA genome, encoding 11 proteins (NS1-NS2-N-P-M-SH-G-F-M2-L). RSV is divided into two antigenic subtypes, A and B, based on the reactivity of the F and G surface proteins to monoclonal antibodies.</p> <p>The Surface protein G (glycoprotein) is primarily responsible for viral attachment to host cells, and is highly variable between strains. Surface protein F (fusion protein) is responsible for fusion of viral and host cell membranes, as well as syncytium formation between viral particles, and Its sequence is highly conserved between strains.</p>
Applications	Western blot standard, antibody ELISA, antigen, <i>etc.</i>
Description	6x his-tagged recombinant protein expressed and purified from 293 cells
Viral Protein	C-terminal 6xHis-tagged RSV (type B) attachment glycoprotein(G) (amino acid 66-298)(GenBank accession#: O36633.1)
Storage	Store at -20 °C; Stable for 6-months from the date of shipment when kept at 4 °C. Non-hazardous.
Concentration	50 µg (1mg/ml) in PBS
Endotoxin Level	<0.01 EU per 1 µg of the protein by LAL test
Specificity	≥ 95% purity



SDS-PAGE: purified RSV attachment glycoprotein G (type B)

Recombinant RSV (Type B) Attachment Glycoprotein G (aa 66-298) SEQ:

NHKVTLTTVTQTIKNHTEKNITTYLTQVPPERVSSSKQPTTTSPIHTNSATTSPNTKSETHHTTAQTKGRTTSTQTNKPSTK
 PRLKNPPKKPKDDYHFEVFNFPVPCISICGNNQLCKSICKTIPSNKPKKKPTIKPTNKPTTKTTNKRDPKTPAKTTKKETTTNPTK
 KPTLTTERDTSTSQSTVLDTTLEHTIQQQLHSTTPENTPNSTQPTASEPSTSNSTQNTQSHHHHHHH

