

Recombinant Human RSV RSV, His tagged

Cat. No. RSV-8660H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human RSV RSV (P11209) extracellular domain (Met 1-Thr 529), fused with a polyhistidine tag at the C-terminus, was produced in Baculovirus-Insect cells.

Species Human

Source Insect Cells

ProteinLength 1-529 a.a.

Form Lyophilized from a 0.2µm filtered solution of 20mM Tris, 500mM NaCl, pH 7.4, 10% gly

Molecular Mass The secreted recombinant human RSV (strain RSS-2) comprises 519 amino acids with a predicted molecular mass of 57.8 kDa. The RSV F0 precursor protein is cleaved into the disulfide-linked F1 and F2 subunits. As a result of glycosylation, the apparent molecular mass of the protein is approximately 63 kDa and 44-53 KDa in SDS-PAGE under reducing conditions, corresponding to the two subunits respectively.

Endotoxin < 1.0 eu per µg of the protein as determined by the LAL method.

Stability Samples are stable for up to twelve months from date of receipt at -70oC.

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution.
Centrifuge the vial at 4°C before opening to recover the entire contents.

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