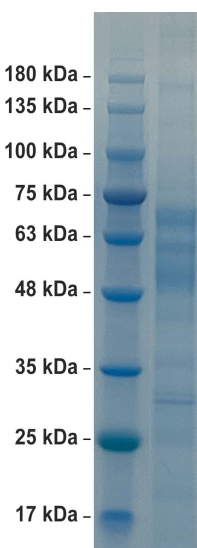


Post Fusion F-Protein of Human Metapneumovirus (HMPV)

CATALOG NUMBER: HMPV-F-50p

Introduction	<p>Human metapneumovirus (HMPV) has a 13-kb negative, non-segmented, single-stranded 13-kb RNA genome, encoding 9 proteins [3'-N-P-M-F-M2(M2-1 and M2-2)-SH-G-L-5']. HMPV is classified into two main genetic lineages denoted as genotypes A and B based on the phylogenetic analysis of the fusion (F) and attachment (G) genes.</p> <p>The RNA core is surrounded by M protein and covered by a lipid envelope. This envelope contains the three surface glycoproteins (F, SH, and G). The core nucleic acids are associated with the P, N, L, M2-1, and M2-2 proteins and form a nucleocapsid.</p>
Applications	Western blot standard, antibody ELISA, antigen, etc.
Description	Recombinant protein expressed and purified from 293 cells
Viral Protein	C-terminal 6xhis tagged HMPV fusion glycoprotein (amino acid 1-489)(GenBank accession#: PP086007). A trimerization domain sequence has been introduced into the C-terminal of Fusion glycoprotein to stabilize the formation of trimer F-protein.
Storage	Store at -20 °C; Stable for 3-months from the date of shipment when kept at 4 °C.
Concentration	50 µg (1 mg/ml) in PBS
Endotoxin Level	<0.01 EU per 1 µg of the protein by LAL test
Specificity	≥ 95% purity



SDS-PAGE: purified HMPV fusion glycoprotein