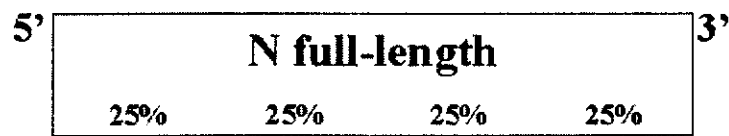
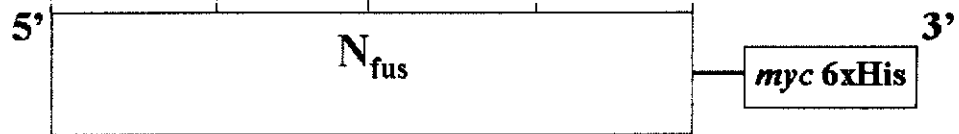


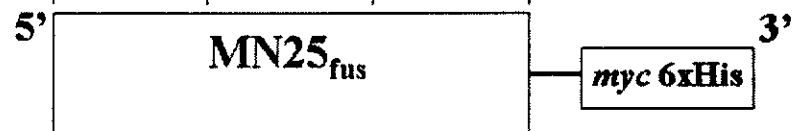
a) Full-length N protein



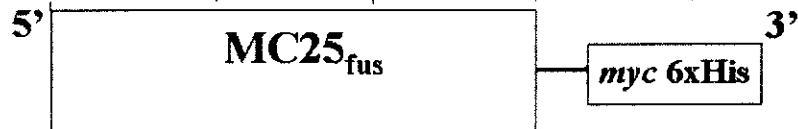
b) N_{fus}



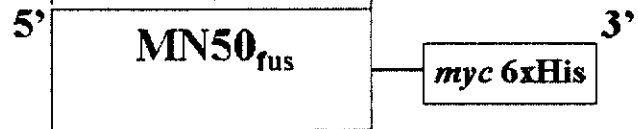
c) $MN25_{fus}$



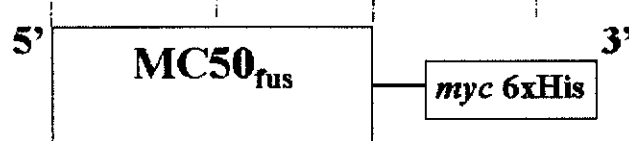
d) $MC25_{fus}$



e) $MN50_{fus}$



f) $MC50_{fus}$



g) $MNC25_{fus}$

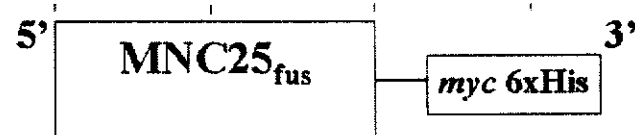


Figure 1

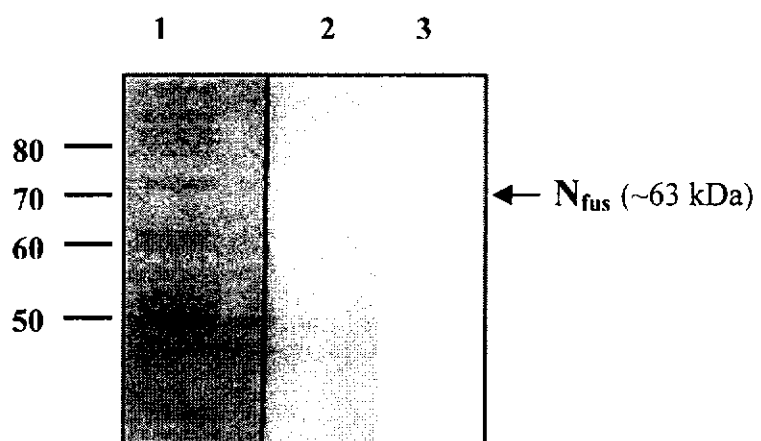


Figure 2

Lane 1: molecular markers in kDa

Lane 2: negative control (pTrcHis2 in *E coli* cells)

Lane 3: N_{fus} protein probed with the swine anti-NiV serum

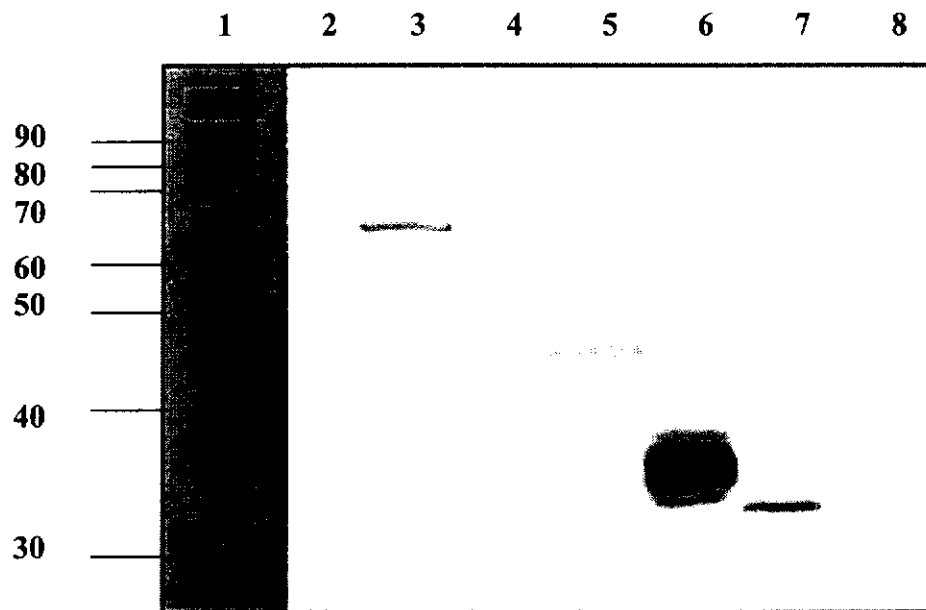


Figure 3

Lane 1: molecular markers in kDa

Lane 2: negative control (pTrcHis2 in *E coli* cells)

Lane 3: N_{fus}

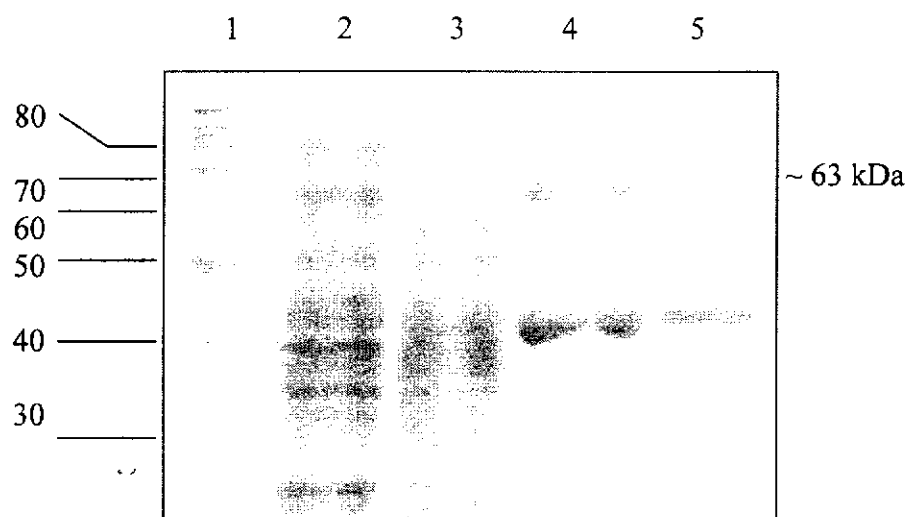
Lane 4: MN25_{fus}

Lane 5: MC25_{fus}

Lane 6: MN50_{fus}

Lane 7: MC50_{fus}

Lane 8: MNC25_{fus}

**Figure 4**

Lane1: molecular markers in kDa

Lane 2: negative control (pTrcHis vector in *E. coli* BL 21)

Lane 3: non-purified N_{fus} Protein (pTrcHis- N_{fus} in *E. coli* BL 21)

Lane 4: Affinity chromatography column purified N_{fus} protein

Lane 5: Sucrose gradient purified N_{fus} protein

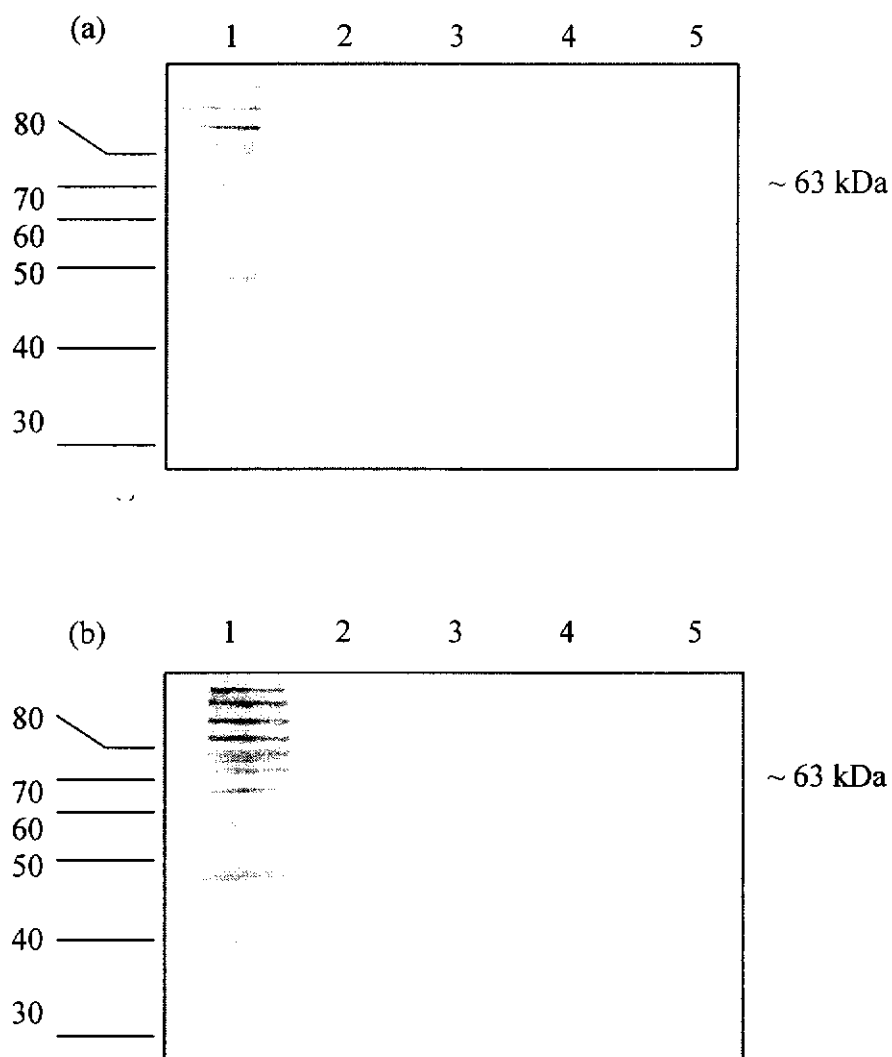


Figure 5

Lane 1: molecular markers in kDa

Lane 2: negative control (pTrcHis vector in *E. coli* BL 21)

Lane 3: non-purified N_{fus} Protein (pTrcHis- N_{fus} in *E. coli* BL 21)

Lane 4: Affinity chromatography column purified N_{fus} protein

Lane 5: Sucrose gradient purified N_{fus} protein

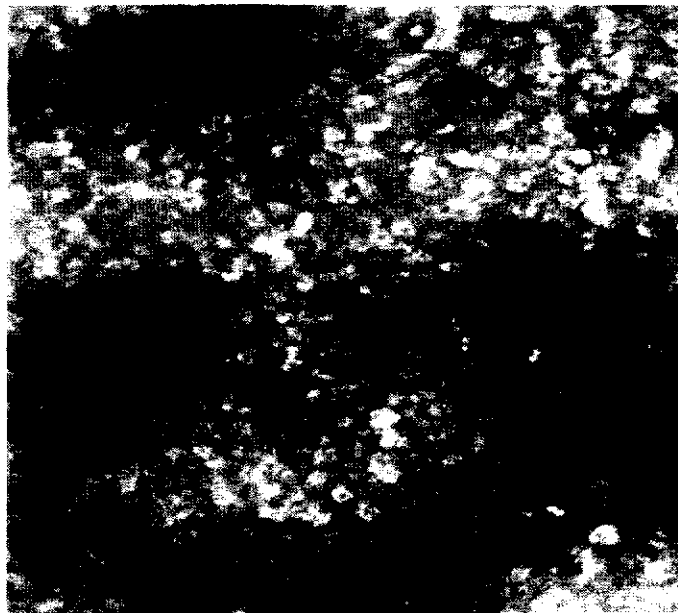


Figure 6

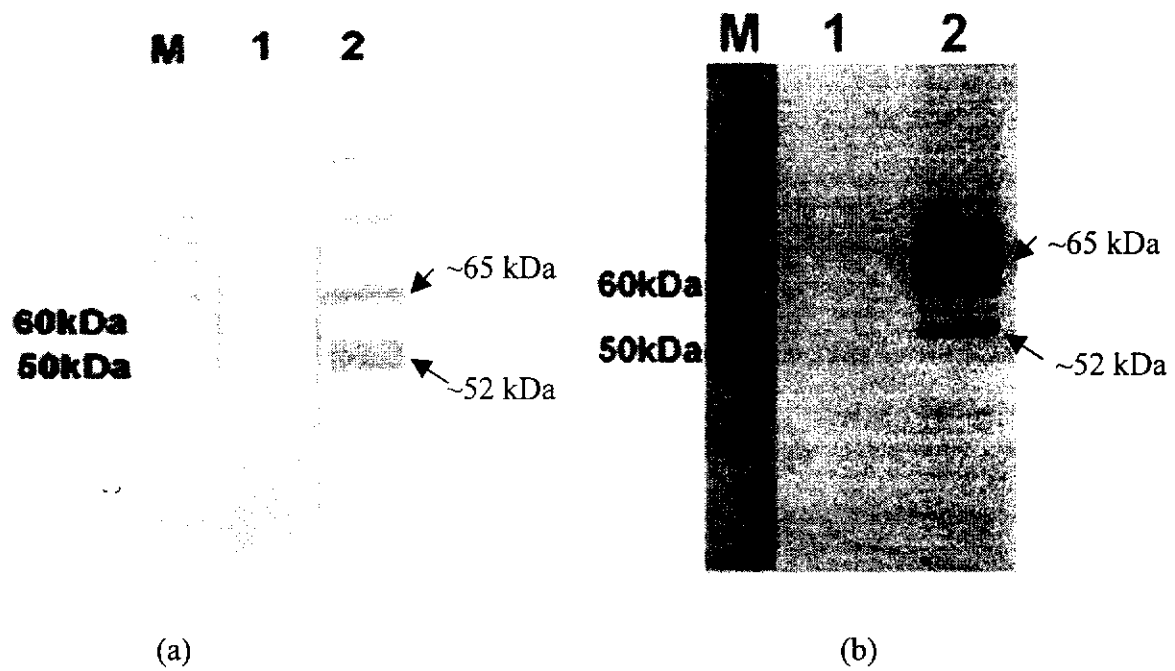


Figure 7