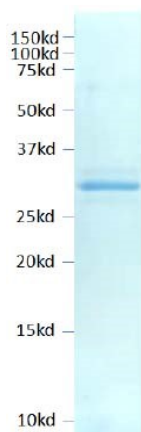


## VP1 of Foot-and-Mouth Disease Virus (FMDV/strain A24 Cruzeiro)

CATALOG NUMBER: FMDV-VP1-50P, 50 µg

<b>Introduction</b>	FMDV is the type species of the <i>Aphthovirus</i> genus of the family <i>Picornaviridae</i> . The virus contains a single-stranded positive sense RNA genome, encoding four structural proteins (VP1 to VP4), and a number of essential nonstructural proteins, including the RNA-dependent RNA polymerase.
<b>Description</b>	Recombinant 6xHis-tagged VP1 protein (amino acid 726-936) (FMDV)(strain A24 Cruzeiro) (GenBank No. P03309), expressed in <i>E. coli</i> .
<b>Applications</b>	Western blot standard, antibody ELISA, antigen, <i>etc.</i>
<b>Concentration</b>	1 µg/ µl in 50 mM Tris-HCl (pH8.0), 0.15M NaCl and 8M Urea
<b>Purity</b>	≥ 95% purity by SDS-PAGE
<b>Endotoxin</b>	0.5 EU/ug
<b>Storage</b>	Store at -20 °C; Stable for 6 months from the date of shipment when kept at 4 °C. Non-hazardous.



**SDS-PAGE:** purified VP1 protein of FMDV (strain A24 Cruzeiro)