



## Recombinant CDV Matrix Protein (a.a. 1-335) [His] (DAG2310)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

Product Overview	C-terminal 6xHis tagged matrix protein M [Canine distemper virus strain Onderstepoort] protein (a.a. 1-335)
Species	CDV
Purity	> 95%, based on SDS PAGE
Conjugate	His
Applications	WB standard, antibody ELISA, immunogen, etc.
Format	Each vial contains 100 µg of lyophilized protein in PBS with 8M Urea.
Concentration	N/A
Size	100 µg
Preservative	None
Storage	2-8°C short term, -20°C long term

### BACKGROUND

Introduction	The rabies virus is a neurotropic virus that causes fatal disease in human and animals. Rabies transmission can occur through the saliva of animals. The rabies virus has a cylindrical morphology and is the type species of the Lyssavirus genus of the Rhabdoviridae family. These viruses are enveloped and have a single stranded RNA genome with negative-sense. The genetic information is packaged as a ribonucleoprotein complex in which RNA is tightly bound by the viral nucleoprotein. The RNA genome of the virus encodes five genes whose order is
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highly conserved. These genes code for nucleoprotein (N), phosphoprotein (P), matrix protein (M), glycoprotein (G) and the viral RNA polymerase (L)

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**Keywords** Rabies virus; Mononegavirales; Rhabdoviridae; Lyssavirus; M2; Matrix Protein; Rabies virus M2; Rabies virus Matrix Protein

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