



Recombinant Vaccinia Virus (strain Western Reserve) Metalloendopeptidase OPG085 (DAG-BY237)

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

PRODUCT INFORMATION

Product Overview	This item requires custom production and lead time is between 4-12 weeks. We can custom produce based on your specifications.
Species	Vaccinia virus
Purity	> 85% as determined by SDS-PAGE
Conjugate	TBD
Applications	Immunoassays
Format	Liquid or Lyophilized powder
Size	1 mg
Storage	Store at -20°C/-80°C upon receipt. Avoid repeated freeze-thaw cycles. The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.

BACKGROUND

Introduction	Smallpox was an infectious disease unique to humans, caused by either of two virus variants, Variola major and Variola minor. The disease is also known by the Latin names Variola or Variola vera, which is a derivative of the Latin varius, meaning "spotted", or varus, meaning "pimple". The term "smallpox" was first used in Britain in the 15th century to distinguish variola
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from the "great pox" (syphilis). The last naturally occurring case of smallpox (Variola minor) was diagnosed on 26 October 1977.

Keywords Vaccinia Virus Metalloendopeptidase OPG085; Metalloendopeptidase G1; G1L; VACWR078; EC:3.4.24.-; VACV

GENE INFORMATION

UniProt ID P16713

Function Probably involved in maturation of some viral proteins by processing them preferentially at Ala-Gly-|-Ser/Thr/Lys motifs. Does not seem to be responsible for the cleavage of major core proteins.
