Vaccinia Virus (WR) L1R Protein with C-Terminal Histidine Tag, Recombinant from Baculovirus

Catalog No. NR-21986

For research use only. Not for human use.

Contributor:
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Manufacturer:
BEI Resources

Product Description:
A recombinant form of the L1R membrane glycoprotein [L1R (185t)] of the Western Reserve (WR) strain of vaccinia virus containing a C-terminal hexa-histidine tag was produced in High-5 insect cells using a baculovirus expression system and purified using nickel affinity chromatography.¹ The predicted protein sequence is shown in Figure 1. NR-21986 contains residues 1 to 185 of the L1R protein. The full length L1R protein is 250 residues (GenPept: P07612).² NR-21986 was expressed from the same recombinant baculovirus vector as NR-2625, which was produced in cabbage looper (Trichoplusia ni) insect larvae.³

Material Provided:
Each vial contains approximately 100 µL of purified recombinant L1R protein in PBS (pH 7.4) with 50% glycerol. The concentration, expressed as mg per mL, is shown on the Certificate of Analysis.

Packaging/Storage:
NR-21986 was packaged aseptically, in screw-capped plastic cryovials. This product is provided on ice bricks and should be stored at -20°C or colder immediately upon arrival. Repeated freeze-thaw cycles of this product should be avoided.

Functional Activity:
NR-21986 was demonstrated to be functionally active based on its reactivity with human polyclonal anti-vaccinia virus immune globulin (VIG; BEI Resources NR-650) and mouse monoclonal antibodies to L1R (BEI Resources NR-417 to NR-421 and NR-566).

Citation:
Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Vaccinia Virus (WR) L1R Protein with C-Terminal Histidine Tag, Recombinant from Baculovirus, NR-21986.”

Biosafety Level: 1

Disclaimers:
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References:

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