Capsid Assembly Protein UL37 Homolog (MDV050) Gallid Herpesvirus 2 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Capsid assembly protein UL37 homolog (MDV050), Recombinant Protein
Full Product Name	Recombinant Gallid herpesvirus 2 Capsid assembly protein UL37 homolog (MDV050), partial
Product Gene Name	MDV050 recombinant protein
Product Synonym Gene Name	MDV050
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	116,523 Da
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q9E6N2
Species	Gallid herpesvirus 2 (strain Chicken/Md5/ VR-987) (GaHV-2) (Marek's disease herpesvirus type 1)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for MDV050 recombinant protein	MBS1349364 is a recombinant protein targeting MDV050. Also known as Recombinant Gallid herpesvirus 2 Capsid assembly protein UL37 homolog (MDV050), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of MDV050 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MDV050. It may not necessarily be applicable to this product.

NCBI GI #	125745089
NCBI GeneID	4811511
NCBI Accession #	YP_001033966.1
UniProt Primary Accession #	Q9E6N2
GenBank Nucleotide #	NC_002229.3
NCBI Official Full Name	tegument protein UL37
NCBI Official Symbol	MDV050
UniProt Protein Name	Inner tegument protein

UniProt Gene Name	MDV050
NCBI Protein Information	complexed with large tegument protein
UniProt Comments for MDV050	Plays an essential role in cytoplasmic secondary envelopment during viral egress. Interacts with the capsid via the large tegument protein/LTP and participates in its transport to the host trans-Golgi network (TGN) where secondary envelopment occurs. Modulates tegumentation and capsid accumulation at the viral assembly complex.
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