

CMV recombinant protein

Purified Recombinant CMV protein (gH pentamer complex) (His tag)

CATALOG #
AAA224728

HOST
VR1814

PRODUCT SYNONYMS

CMV; Purified Recombinant CMV protein (gH pentamer complex) (His tag); CMV antigen; Cytomegalovirus antigen; Cytomegalovirus protein.; CMV recombinant protein

PRODUCT SPECIFICATIONS

Host	VR1814
Purity/Purification	> 95% by SDS-PAGE
Form/Format	0.2um filtered liquid in Dulbecco's PBS.
Concentration	1.0mg/ml (varies by lot)
Sequence Length	218
Grade	Recombinant
Expression system	HEK293
Species	Viral
Protein type	Recombinant
Biohazard	Recombinant protein with His tag. Use standard laboratory precautions when handling this material.
Tag/Conjugate	His tag
Biological Significance	The Cytomegalovirus gH Pentamer Complex is expressed on all wildtype hCMV strains but is notably missing from laboratory strains such as AD169. Receptor-mediated viral entry into endothelial cells requires a functional gH pentameric complex, and this complex is one of the primary targets for antiviral antibodies in infected individuals.
Implications in Disease	Most people infected with CMV who are otherwise healthy experience few if any symptoms. When first infected, some adults may have symptoms similar to mononucleosis, including fatigue, fever and muscle aches. An illness resembling infectious mononucleosis is the most common presentation of CMV in people with weakened immune systems (immunocompromised). CMV also can attack specific organs. Signs and symptoms may include: Fever, Pneumonia, Diarrhea, Ulcers in the digestive tract, Hepatitis, Inflammation of the brain (encephalitis,) Behavioral changes, Seizures, Coma, Visual impairment and blindness. Newborns infected with CMV in the womb (congenital CMV), babies who become infected during birth or shortly after birth (perinatal CMV) such as through breast-feeding and people with weakened immune systems are more at risk of developing signs and symptoms than are healthy adults.
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Ships on dry ice. Upon receipt store at -80°C. Avoid repeat freeze/thaw cycles.

ADDITIONAL INFORMATION

Product Categories/Family for CMV recombinant protein [Infectious Disease](#); [Conjugated Proteins](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	226025
NCBI Official Full Name	CMV coat protein

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/cmvr1814/224728>