

Product datasheet

Recombinant Cytomegalovirus Glycoprotein B (Fc Chimera) ab256435

[2 Images](#)

Description

Product name	Recombinant Cytomegalovirus Glycoprotein B (Fc Chimera)
Purity	> 95 % SDS-PAGE.
Expression system	HEK 293 cells
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Cytomegalovirus
Sequence	Strain: Human betaherpesvirus 5 towne strain.
Predicted molecular weight	102 kDa
Amino acids	1 to 700
Tags	Fc tag C-Terminus
Additional sequence information	Recombinant gene product from HCMV UL55 locus. A glycine-serine linker and mouse IgG1 FC-tag was fused to aa 700. aa 457-460 were replaced with the sequence TTQT to prevent furin cleavage.

Specifications

Our **Abpromise guarantee** covers the use of **ab256435** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
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Form	Liquid
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Preparation and Storage

Stability and Storage	Shipped on Dry Ice. Store at -80°C. Avoid freeze / thaw cycle.
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pH: 7

Constituent: PBS

General Info

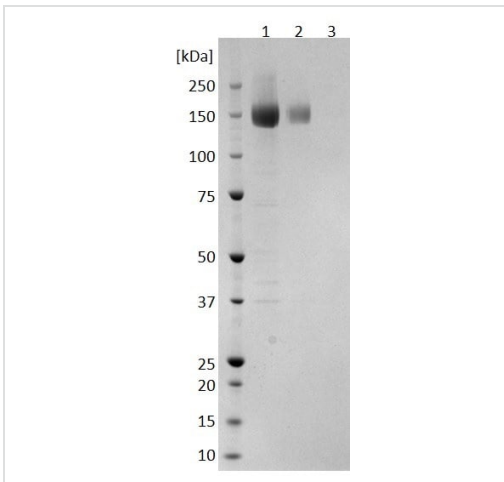
Relevance

Human cytomegalovirus (HCMV) glycoprotein B (gB) is an abundant virion envelope protein that has been shown to be essential for the infectivity of HCMV. HCMV gB is also one of the most immunogenic virus-encoded proteins, and a significant fraction of virus neutralizing antibodies are directed at gB.

Cellular localization

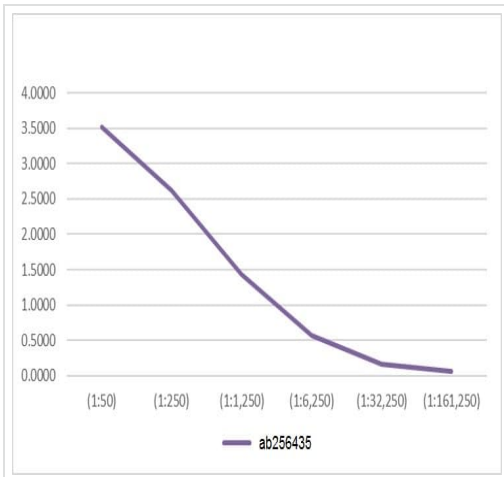
Virus envelope.

Images



Reducing SDS-PAGE analysis of purified ab256435 running at approximately 140-160kda.

SDS-PAGE - Recombinant Cytomegalovirus Glycoprotein B (ab256435)



Assay of purified ab256435, detected by a Mouse anti-CMV gB antibody. Antigen coated onto plate at 1ug/ml, with antibody titrated from 20ug/ml as indicated.

ELISA - Recombinant Cytomegalovirus Glycoprotein B (ab256435)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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