

HCMV Binds Host Cell Receptor - Endocytic Pathway

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Introduction

Reactome is open-source, open access, manually curated and peer-reviewed pathway database. Pathway annotations are authored by expert biologists, in collaboration with Reactome editorial staff and cross-referenced to many bioinformatics databases. A system of evidence tracking ensures that all assertions are backed up by the primary literature. Reactome is used by clinicians, geneticists, genomics researchers, and molecular biologists to interpret the results of high-throughput experimental studies, by bioinformaticians seeking to develop novel algorithms for mining knowledge from genomic studies, and by systems biologists building predictive models of normal and disease variant pathways.

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Literature references

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Reactome database release: 88

This document contains 1 reaction ([see Table of Contents](#))

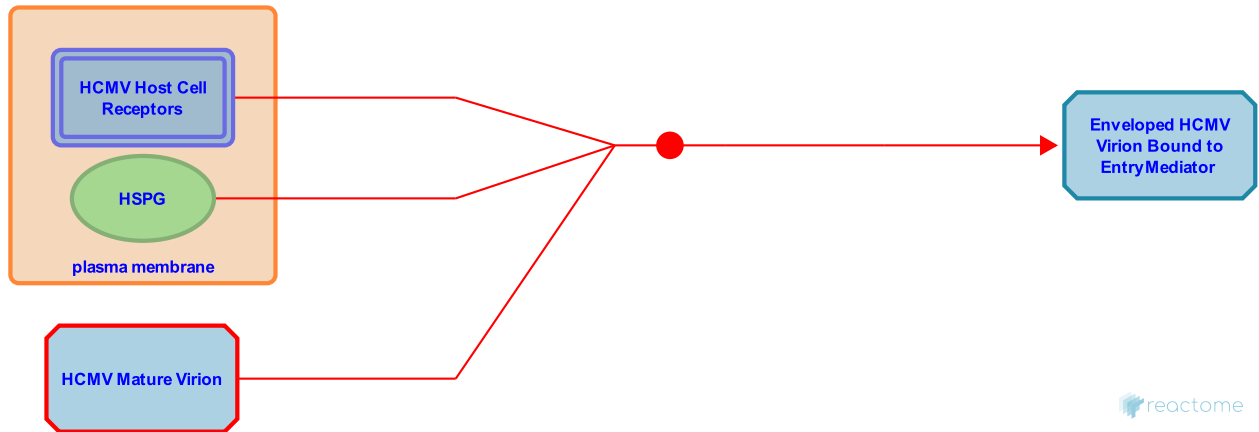
HCMV Binds Host Cell Receptor - Endocytic Pathway ↗

Stable identifier: R-HSA-9610867

Type: binding

Compartments: extracellular region

Diseases: viral infectious disease



Viral attachment and penetration of Human Cytomegalovirus (HCMV) occurs either via direct HCMV fusion with the cell membrane or via endocytosis. The endocytic mechanism occurs with cell types including endothelial and epithelial cells, where the pentameric viral protein complex, gH:gL:p128:p130:p131A, facilitates entry.

Literature references

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Editions

2018-05-30	Authored	Gillespie, ME.
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