

Recombinant Human cytomegalovirus (strain Merlin) (HHV-5) (Human herpesvirus 5) Envelope glycoprotein L

Catalog No: #AP73016

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Package Size: #AP73016-1 20ug #AP73016-2 100ug #AP73016-3 1mg

Description

Product Name	Recombinant Human cytomegalovirus (strain Merlin) (HHV-5) (Human herpesvirus 5) Envelope glycoprotein L
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:31-278aaSequence Info:Full Length
Accession No.	F5HCH8
Uniprot	F5HCH8
GeneID	3077416;
Calculated MW	29.5 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	AAVSVAPTAAEKVPACPELTRRCLLGEVFEGDKYESWLRPLVNVVTGRDGPLSQLIRYRPVTPEAANSVLLDE AFLDTLALLYNNPDQLRALLTLLSSDTAPRWMTVMRGYSECGDGGSPAVYTCVDDLRCRGYDLTRLSYGRSIFTE HVLGFELVPPSLFNVVVAIRNEARTNRVRLPVSTAAPEGITLFYGLYNAVKEFCLRHQLDPPLLRHLDKYY AGLPPELKQTRVNLPAHSRYGPQAVDAR
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

The heterodimer glycoprotein H-glycoprotein L is required for the fusion of viral and plasma mbranes leading to virus entry into the host cell. Mbrane fusion is mediated by the fusion machinery composed at least of gB and the heterodimer gH,gL .

References

Genetic content of wild-type human cytomegalovirus.Dolan A., Cunningham C., Hector R.D., Hassan-Walker A.F., Lee L., Addison C., Dargan D.J., McGeoch D.J., Gatherer D., Emery V.C., Griffiths P.D., Sinzger C., McSharry B.P., Wilkinson G.W.G., Davison A.J.J. Gen. Virol. 85:1301-1312(2004)Research Topic:Others

Note: This product is for in vitro research use only