

cytomegalovirus Envelope glycoprotein L (gL) Recombinant Protein | gL recombinant protein

Recombinant Human cytomegalovirus Envelope glycoprotein L (gL)

CATALOG # AAA115880	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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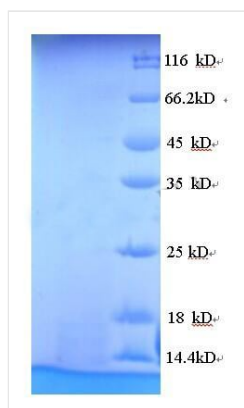
PRODUCT SYNONYMS

cytomegalovirus Envelope glycoprotein L (gL); Recombinant Human cytomegalovirus Envelope glycoprotein L (gL); gL recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	31-278. Full Length of Mature Protein
Sequence	AAVSVAPTAA EKVPAECPEL TRRCLLGEVF EGDKYESWLR PLVNV TGRDG PLSQLIRYRP VTPEAANSVL LDEAFDLTLA LLYNNPDQLR ALLTLLSSDT APRWMTVMRG YSECGDGSPA VYTCVDDLCLR GYDLTRLSYG RSIFTEHVLG FELVPPSLFN VVVAIRNEAT RTNRAVRLPV STAAPEGIT LFYGLYNAVK EFCLRHQLDP PLLRLDKYY AGLPPELKQT RVNLP AHSRY GPQAVDAR
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for gL recombinant protein	The heterodimer glycoprotein H-glycoprotein L is required for the fusion of viral and plasma membranes leading to virus entry into the host cell. membrane 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) Characterization of the human cytomegalovirus gH/gL/UL128-131 complex that mediates entry into epithelial and endothelial cells.Ryckman B.J., Rainish B.L., Chase M.C., Borton J.A., Nelson J.A., Jarvis M.A., Johnson D.C.J. Virol. 82:60-70(2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	52139280
NCBI GeneID	3077416
NCBI Accession #	YP_081555.1
NCBI GenBank Nucleotide #	NC_006273.2
UniProt Accession #	F5HCH8; Q71DN9
Molecular Weight	29.5 kDa
NCBI Official Full Name	envelope glycoprotein L
NCBI Official Symbol	UL115
NCBI Protein Information	contains signal peptide; complexed with envelope glycoprotein H; involved in cell entry; involved in cell-to-cell spread
UniProt Protein Name	Envelope glycoprotein L
UniProt Gene Name	gL
UniProt Entry Name	GL_HCMVM

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/gl-recombinant-protein-e-coli/115880>