

cytomegalovirus Envelope glycoprotein H (gH) Recombinant Protein | gH recombinant protein

Recombinant Human cytomegalovirus Envelope glycoprotein H (gH), partial

CATALOG # AAA18633	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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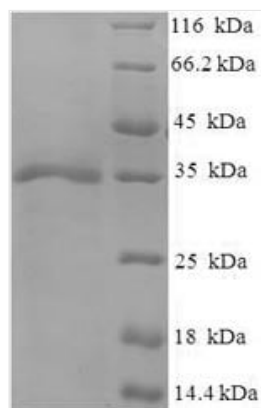
PRODUCT SYNONYMS

cytomegalovirus Envelope glycoprotein H (gH); Recombinant Human cytomegalovirus Envelope glycoprotein H (gH); partial; gH 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	24-195aa; Partial
Sequence	RYGADAASEA LDPHAFHLL NTYGRPIRFL RENTTQCTYN SSLRNSTVVR ENAISFNFFQ SYNQYYVFHM PRCLFAGPLA EQFLNQVDLT ETLERYQQRL NTYALVSKDL ASYRSFSQQL KAQDSLGGQP TTVPPPIDLS IPHVMPPQT TPDWKGSH TSGLRPHFN QT
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 gH 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. Fusion of with fibroblasts requires the additional receptor-binding protein gO, which forms a complex with gH/gL.
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References	Identification and expression of a human cytomegalovirus glycoprotein with homology to the Epstein-Barr virus BXLF2 product, varicella-zoster virus gpIII, and herpes simplex virus type 1 glycoprotein H.Cranage M.P., Smith G.L., Bell S.E., Hart H., Brown C., Bankier A.T., Tomlinson P., Barrell B.G., Minson T.C.J. Virol. 62:1416-1422(1988) Analysis of the protein-coding content of the sequence of human cytomegalovirus strain AD169.Chee M.S., Bankier A.T., Beck S., Bohni R., Brown C.M., Cerny R., Horsnell T., Hutchison C.A. III, Kouzarides T., Martignetti J.A., Preddie E., Satchwell S.C., Tomlinson P., Weston K.M., Barrell B.G.Curr. Top. Microbiol. Immunol. 154:125-169(1990) The human cytomegalovirus genome revisited comparison with the chimpanzee cytomegalovirus genome.Davison A.J., Dolan A., Akter P., Addison C., Dargan D.J., Alcendor D.J., McGeoch D.J., Hayward G.S.J. Gen. Virol. 84:17-28(2003) ErratumDavison A.J., Dolan A., Akter P., Addison C., Dargan D.J., Alcendor D.J., McGeoch D.J., Hayward G.S.J. Gen. Virol. 84:1053-1053(2003) The human cytomegalovirus UL74 gene encodes the third component of the glycoprotein H-glycoprotein L-containing envelope complex.Huber M.T., Compton T.J. Virol. 72:8191-8197(1998) Identification of proteins in human cytomegalovirus (HCMV) particles the HCMV proteome.Varnum S.M., Streblow D.N., Monroe M.E., Smith P., Auberry K.J., Pasa-Tolic L., Wang D., Camp D.G. II, Rodland K., Wiley S., Britt W., Shenk T., Smith R.D., Nelson J.A.J. Virol. 78:10960-10966(2004) ErratumVarnum S.M., Streblow D.N., Monroe M.E., Smith P., Auberry K.J., Pasa-Tolic L., Wang D., Camp D.G. II, Rodland K., Wiley S., Britt W., Shenk T., Smith R.D., Nelson J.A.J. Virol. 78:13395-13395(2004)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	138313
UniProt Accession #	P12824; Q7M6L7
Molecular Weight	21.8 kDa
NCBI Official Full Name	Envelope glycoprotein H
UniProt Protein Name	Envelope glycoprotein H
UniProt Gene Name	gH
UniProt Synonym Gene Names	UL75; gH
UniProt Entry Name	GH_HCMVA

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.