

Recombinant Envelope glycoprotein H

Catalog No: #AP72885



Package Size: #AP72885-1 20ug #AP72885-2 100ug #AP72885-3 500ug

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Description

Product Name	Recombinant Envelope glycoprotein H
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:24-195aaSequence Info:Partial
Accession No.	P12824
Uniprot	P12824
Calculated MW	21.8 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	RYGADAASEALDPHAFHLLNTYGRPIRFLRENTTQCTYNSSLRNSTVVRENAISFNFFQSYNQYYVFHMPCR LFAGPLAEQFLNQVDLTETLERYQQRLNTYALVSKDLASYRSFSQQLKAQDSLGGQPTTVPPIDLSIPHVWM PPQTTPHDWKGSHTTSGLHRPHFNQT
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 . Fusion of with fibroblasts requires the additional receptor-binding protein gO, which forms a complex with gH,gL.

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)Research Topic:Others

Note: This product is for in vitro research use only