

Recombinant Marburg virus GP Protein, 1-648, C-Sheep Fc tagged

Cat. No. GP-01M Lot. No. (See product label)

SPECIFICATION

Product Overview Marburg virus envelope glycoprotein (GP) is a recombinant MARV protein expressed and purified from mammalian cells. The product contains both furin cleaved and uncleaved version of the protein.

Species Marburg virus/H.sapiens-tc/KEN/1980/Mt. Elgon-Musoke

Source HEK293

ProteinLength 1-648

Description Marburg virus (MARV) is a hemorrhagic fever virus of the Filoviridae family and a member of the species Marburg marburgvirus, genus Marburgvirus. MARV causes a form of viral hemorrhagic fever in humans and nonhuman primates and is considered to be extremely dangerous. The virus can be transmitted by exposure to Old World fruit bats or it can be transmitted between people via body fluids.

Form Liquid

Molecular Mass Expected Molecular Weight: 96 kDa
Observed Molecular Weight: 65-70 kDa (furin cleaved) and 160 kDa (uncleaved)

Storage Short Term Storage: -80 centigrade
Long Term Storage: -80 centigrade

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Storage Buffer DPBS

GENE INFORMATION

Gene Name GP glycoprotein [Orthomarburgvirus marburgense]

Official Symbol GP

Synonyms GP; glycoprotein; fusion; receptor binding; Envelope Glycoprotein

Gene ID 920945

Protein Refseq YP_001531156

UniProt ID P35253

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