



Recombinant HIV type 2 gp36 (DAGC749)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Species	HIV
Purity	~ 95% by SDS-PAGE
Conjugate	Unconjugated
Applications	ELISA
Molecular Weight	14 kDa
Format	Liquid
Size	100 µg
Buffer	50 mM Tris, pH 8.0, 0.5M NaCl, 25 mM imidazole, 6M urea
Preservative	None
Storage	Stored at 2-8°C.

BACKGROUND

Introduction	The HIV-2 envelope is composed of trimers of gp125 and gp36, two heavily glycosylated proteins that are linked by noncovalent bonds and embedded in a lipid bilayer whose source is the host cell cytoplasmic membrane. The surface gp125 mediates the initial steps in the virus cycle binding to cellular CD4 and/or to chemokine receptors. The transmembrane gp36 mediates virus-to-cell fusion, participates in the assembly of new viruses, and counteracts the activity of tetherin, enabling the release of new virus particles.
Keywords	HIV type 2 gp36; HIV2 gp36; HIV-2 gp36; HIV 2; HIV type 2; Human immunodeficiency virus 2; HIV; HIV-2; HIV2