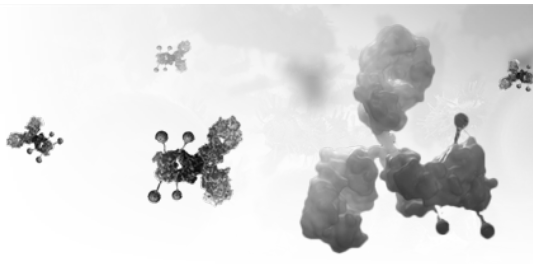

Recombinant HIV type 2 gp36 [Beta-galactosidase] (DAGC748)

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

PRODUCT INFORMATION

Species	HIV
Purity	~ 95% by SDS-PAGE
Conjugate	Beta-galactosidase
Applications	ELISA
Molecular Weight	148 kDa
Format	Liquid
Size	100 µg
Buffer	10 mM Na2CO3, 10 mM EDTA, 14 mM β-ME, 0.05% tween 20
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.

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Keywords	HIV type 2 gp36; HIV2 gp36; HIV-2 gp36; HIV 2; HIV type 2; Human immunodeficiency virus 2; HIV; HIV-2; HIV2

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