



Recombinant HIV type 1 gp41 Antigen, Coating [ENV21] (DAGA-357)

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

PRODUCT INFORMATION

Antigen Description	gp41/120 is the major HIV protein associated with the HIV envelope. It functions as the viral antireceptor or attachment protein. gp41 (or TM) traverses the envelope, whereas gp120 is present on the outer surface and is noncovalently attached to gp41. The precursor of gp120/41 (gp160) is synthesized in the endoplasmic reticulum and is transported via the golgi body to the cell surface. Upon activation of the envelope glycoprotein (gp120/41) by cellular receptors, gp41 undergoes conformational changes that mediate fusion of the viral and cellular membranes.
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Nature	Recombinant
Expression System	N/A
Purity	>90%
Conjugate	TBD
Applications	The product is well suited for ELISA/EIA/CLIA. For in vitro diagnostic use only
Molecular Weight	48KD
Procedure	None
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements.
Size	1 mg
Buffer	250mM Glycine +25mM Tris-HCl +1/K SDS(PH=8.0)
Preservative	None

Storage

Store at 2-8°C and at -20°C for long-term storage. Don't repeated freeze-thaw

BACKGROUND

Keywords

env;Glycoprotein 41;gp41;TM;Transmembrane protein;HIV gp41 L;HIV type 1 gp41;HIV-1 gp41
