



# Recombinant HIV type 1 gp41 Antigen, Detection [ENV40] (DAGA-362)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	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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<b>Purity</b>	>90%
<b>Conjugate</b>	TBD
<b>Applications</b>	The product is well suited for ELISA/CLIA/LF. For in vitro diagnostic use only
<b>Molecular Weight</b>	46 KD
<b>Format</b>	Liquid
<b>Concentration</b>	Batch dependent - please inquire should you have specific requirements.
<b>Size</b>	1 mg
<b>Buffer</b>	250mM Glycine +25mM Tris-HCl +1/K SDS(PH=8.0)
<b>Preservative</b>	None
<b>Storage</b>	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

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