



## Recombinant HIV type 1 (Case A2) gp70 [His] (DAG2147)

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

### PRODUCT INFORMATION

<b>Product Overview</b>	C-terminal 6xHis tagged gp70(MLV)-V1V2(HIV-1/Clade B/Case A2) fusion protein containing V1V2 loops from HIV-1/Clade B/Case A2.
<b>Species</b>	HIV
<b>Purity</b>	≥ 95%
<b>Conjugate</b>	His
<b>Applications</b>	For probing V1V2 antibodies in immune sera from human clinical trial and animal studies
<b>Format</b>	Liquid
<b>Concentration</b>	1 mg/ml
<b>Size</b>	50 µg
<b>Buffer</b>	PBS
<b>Preservative</b>	None
<b>Storage</b>	Stable for a month at 4°C. For long term storage, split it into small aliquots and keep at -80°C. Avoid repeated freezing and thawing.

### BACKGROUND

<b>Introduction</b>	The HIV-1 envelope (Env) glycoproteins play an essential role in the virus replication cycle by mediating the fusion between viral and cellular membranes during the entry process. The Env glycoproteins are synthesized as a polyprotein precursor, gp160, that is cleaved by cellular
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proteases to the mature surface glycoprotein gp120 and the transmembrane glycoprotein gp41.

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**Keywords**

Human Immunodeficiency Virus; HIV gp70; HIV; HIV-1 gp70; HIV-1; HIV type 1 gp70

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