

## gp140 Protein, HIV-1 (627a.a, HEK293, Fc)

<b>Cat. No.:</b>	HY-P74884
<b>Synonyms:</b>	HIV-1 gp140 Protein (group M, subtype A, strain 92UG037.1) (Fc)
<b>Species:</b>	Virus
<b>Source:</b>	HEK293
<b>Accession:</b>	AAC97548.1 (L33-K659)
<b>Gene ID:</b>	/
<b>Molecular Weight:</b>	Approximately 97.4 kDa

### PROPERTIES

#### AA Sequence

LWVTVYYGV P	IWKDANTTL F	CASDAKAYDT	EVHNVWATHA
CVPTDPSPQE	LKMENVTEEF	NMWKNNMVEQ	MHTDIIISLWD
QSLKPCVQLT	PLCVTLDCSY	NITNNITNSI	TNSSVNMREE
IKNCSFNMTT	ELRDKNRKVY	SLFYKLDVVQ	INNGNNSNL
YRLINCNTSA	LTQARPKVTF	EPIPIHYCAP	AGYAILKCND
KEFNGTGLCK	NVSTVQCTHG	IRPVVSTQLL	LNGSLAEGKV
MIRSENI TNN	VKNIIVQLNE	SVTINCTRPN	NNTRRSVRIG
PGQTFYATGD	IIGDIRQAHC	NVSGSQWNKT	LHQVVEQLRK
YWNNNTIIFN	SSSGGDLEIT	THSFNCAGEF	FYCNTSGLFN
STWVNGTTSS	TSNGTITLPC	RIKQIINMWQ	RVGQAMYAPP
IQGVIKCESN	ITGLILTRDG	GVNSSDSETF	RPGGGDMRDN
WRSELYKYKV	VKIEPLGVAP	TKARRRVVER	EKRAVTLGAV
FIGFLGTAGS	TMGAASITLT	VQARKLLSGI	VQQQSNLLRA
IEAQQHLLKL	TVWGIKQLQA	RVLAVERYLR	DQQLLGIWGC
SGKLICPTNV	PWNSSWSNKS	LDEIWENMTW	LQWDKEISNY
TIKIYELIEE	SQIQQERNEK	DLLELDK	

#### Appearance

Lyophilized powder.

#### Formulation

Lyophilized from a 0.2  $\mu$ m filtered solution of PBS, pH 7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.

#### Endotoxin Level

<1 EU/ $\mu$ g, determined by LAL method.

#### Reconstitution

It is not recommended to reconstitute to a concentration less than 100  $\mu$ g/mL in ddH<sub>2</sub>O.

#### Storage & Stability

Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.

#### Shipping

Room temperature in continental US; may vary elsewhere.

