



# Recombinant Human immunodeficiency virus type 1 group M subtype U Truncated surface protein (env)

<b>Product Code</b>	CSB-YP318971HLR
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P12491
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Human immunodeficiency virus type 1 group M subtype U (isolate Z3) (HIV-1)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	KSWVTVYYG VPVWKDAETT LFCASDAKAY EKESHNVWAT HACVPSDSPSP QELVLGNVTE NFNMWKMKMV EQMHEDIISL WDQSLKPCVK LTFLCVTLNC IDVKNSTNNN TEEATITNCS FKVPTTELKDK TETVHTLFYK LDVVPLNVTN NSSISSTYRL INCNTSTITQ ACPKVSFEPI PIHYCAPAGF AILKCNKKF NGTGPKNVS TVQCTHGIRP VVSTQLLLNG SLSEEEVIIR SENITNNAKT IIVQLNETVK INCTRPQSDK KIRQSIRIGP GKVFYAKGGI TGQAHCNITD GEWRNTLQQV AIALRRQFNN KSIIFNSSSG GDIEITHTF NCGGEFFYCN TSELFTEGIWN GTWDKNCTST ESNCTGNITL PCRIKQVVRT WQGVGQAMYA PPIEGTIRCS SNITGLLLTR DGGNGKCNK
<b>Source</b>	Yeast
<b>Target Names</b>	env
<b>Protein Names</b>	Recommended name: Truncated surface protein Short name= SU Alternative name(s): Glycoprotein 120 Short name= gp120
<b>Expression Region</b>	32-460
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life



of lyophilized form is 12 months at -20°C/-80°C.