

Recombinant HIV1 env Protein (Ala29-Arg513), C-His tagged

Cat. No. env-5386H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant HIV1 gp120/SU (Ala29-Arg513) fused with the C-terminal His tag was expressed in Mammalian cells.
Species	HIV
Source	Mammalian Cells
ProteinLength	Ala29-Arg513
Description	Envelope glycoprotein gp160: Oligomerizes in the host endoplasmic reticulum into predominantly trimers. In a second time, gp160 transits in the host Golgi, where glycosylation is completed. The precursor is then proteolytically cleaved in the trans-Golgi and thereby activated by cellular furin or furin-like proteases to produce gp120 and gp41.
Form	Lyophilized powder/frozen liquid
Molecular Mass	57.06 kDa
Purity	>90% as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the

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	date of receipt.
Storage Buffer	Supplied as solution form in PBS pH 7.4.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	env Envelope surface glycoprotein gp160, precursor [Human immunodeficiency virus 1]
Official Symbol	env
Synonyms	env; Envelope surface glycoprotein gp160, precursor; Envelope surface glycoprotein gp160, precursor; hypothetical protein; Envelope surface glycoprotein gp120; Envelope transmembrane domain
Gene ID	155971
Protein Refseq	NP_057856
UniProt ID	Q9YUL5

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