

Product datasheet for **TP727570**

HIV Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant HIV gp120 (C-8His)
Species:	HIV
Expression cDNA Clone or AA Sequence:	Met1-Glu498
Tag:	C-8His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Note:	Recombinant HIV 1 Envelope glycoprotein gp120 is produced by our Mammalian expression system and the target gene encoding Met1-Glu498 is expressed with a 8His tag at the C-terminus.
Stability:	12 months from date of despatch
Summary:	Envelope glycoprotein gp160 is single-pass type I membrane protein. The mature envelope protein (Env) consists of a homotrimer of non-covalently associated gp120-gp41 heterodimers. It is cleaved into the following 2 chains: glycoprotein 120 and transmembrane protein gp41. The resulting complex protrudes from the virus surface as a spike. The 17 amino acids long immunosuppressive region is present in many retroviral envelope proteins. Synthetic peptides derived from this relatively conserved sequence inhibit immune function in vitro and in vivo.



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