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# PRODUCT CERTIFICATE

**For: HIV-1 nef antigen**

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<b>Catalog Number:</b>	<b>00112-V</b>
<b>Product Description:</b>	<b>HIV-1 nef antigen (recombinant) a.a 3 to a.a 190 of the HIV-1 nef region 20 kDa</b>
<b>Purity:</b>	<b>&gt;95% pure; Purity of proteins is evaluated by SDS-PAGE, by measuring optical density at 280 nm and by method of Bradford et al.</b>
<b>Origin:</b>	<b><i>E. coli</i>, recombinant</b>
<b>Fusions:</b>	<b><math>\beta</math>-galactosidase (114 kDa) fused at the N- terminus</b>
<b>Buffer/Composition:</b>	<b>0.01M Na<sub>2</sub>CO<sub>3</sub>; 0.01M Na<sub>3</sub>EDTA; 0.014 M<math>\beta</math>-mercaptoethanol.</b>
<b>Concentration:</b>	<b>1 mg/ml, bulk amount available upon request.</b>
<b>Storage:</b>	<b>Long Term: -20° C Short Term: 4° C</b>
<b>Shipping:</b>	<b>Refrigerate upon arrival</b>
<b>Comments:</b>	<b>Reacts strongly with human HIV positive serum.</b>

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The products are for laboratory research use or further manufacturing only and should not be used for human therapeutic or diagnostic applications.