

HIV1 gp120/SU Recombinant Protein | HIV1 recombinant protein

Recombinant HIV1 gp120/SU, C-His

CATALOG # AAA120542	HOST Mammalian	APPLICATIONS ELISA, Western Blot, SDS-Page
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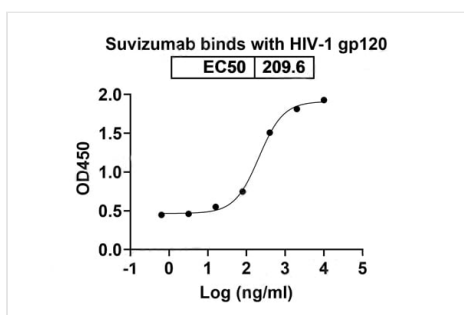
PRODUCT SYNONYMS

HIV1 gp120/SU; Recombinant HIV1 gp120/SU; C-His; env; Envelope glycoprotein gp160; Env polyprotein; Surface protein gp120; Glycoprotein 120; gp120; Transmembrane protein gp41; Glycoprotein 41; gp41; Drug Target; Human Immunodeficiency Virus (HIV); HIV1 recombinant protein

PRODUCT SPECIFICATIONS

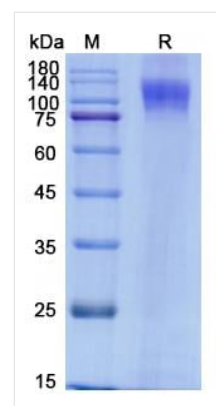
Host	Mammalian
Purity/Purification	>90% as determined by SDS-PAGE
Form/Format	Lyophilized from a solution in PBS pH7.4, 1mM EDTA, 4% Trehalose, 1% Mannitol.
Sequence Positions	Ala29-Arg513
Sequence Length	Ala29-Arg513
Applicable Applications for HIV1 recombinant protein	ELISA, WB (Western Blot), SDS-PAGE
Species	HIV-2
Reconstitution	Reconstitute in sterile water for a stock solution.
Preparation and Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 degree C for one week. Store at -20 to -80 degree C for twelve months from the date of receipt.

IMAGES



Bioactivity

Detects Suvizumab in indirect ELISAs.



SDS-PAGE

SDS PAGE for recombinant HIV1 gp120 / SU

ADDITIONAL INFORMATION

Product Categories/Family for HIV1 recombinant protein	Recombinant Proteins
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References

HIV-1 gp120 and immune network. PMID: 15370273
The alpha helix 1 from the first conserved region of HIV1 gp120 is reconstructed in the short NQ21 peptide. PMID: 29273432
The HIV-1 gp120 V1V2 loop: structure, function and importance for vaccine development. PMID: 25163695
Entry inhibitors directed towards glycoprotein gp120: an overview on a promising target for HIV-1 therapy. PMID: 23278399
The SPL7013 dendrimer destabilizes the HIV-1 gp120-CD4 complex. PMID: 26495445

NCBI AND UNIPROT INFORMATION

UniProt Accession #	Q9YUL5
Molecular Weight	57.06kDa

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/hiv1-gp120/su-recombinant-protein-mammalian-elisa-wb-western-blot-sds-page/120542>