

Protein Vpx Recombinant Protein | vpx recombinant protein

Recombinant Human immunodeficiency virus type 2 subtype A (isolate ROD) (HIV-2) Protein Vpx

CATALOG # AAA115098	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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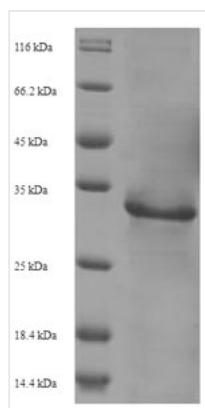
PRODUCT SYNONYMS

Protein Vpx; Recombinant Human immunodeficiency virus type 2 subtype A (isolate ROD) (HIV-2) Protein Vpx; Viral protein X; X ORF protein; vpx recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-112. Full Length
Sequence	MTDPRETVPP GNSGEETIGE AFAWLNRTVE AINREAVNHL PRELIFQVWQ RSWRYWHDEQ GMSESYTKYR YLCIIQKAVY MHVRKGCTCL GRGHGPGGWR PGPPPPPPPG LV
Species	Human immunodeficiency virus type 2 subtype A (isolate ROD) (HIV-2)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for vpx recombinant protein	Plays a role in nuclear translocation of the viral pre-integration complex (PIC), thus is required for the virus to infect non-dividing cells. Targets specific host proteins for degradation by the 26S proteasome. Acts by associating with the cellular CUL4A-DDB1 E3 ligase complex through direct interaction with host VPRPB/DCAF-1. This change in the E3 ligase substrate specificity results in the degradation of host SAMHD1. In turn, SAMHD1 depletion allows viral replication in host myeloid cells by preventing SAMHD1-mediated hydrolysis of intracellular dNTPs necessary for reverse transcription (By similarity).
References	"Identification of the nuclear localization signal of human immunodeficiency virus type 2 Vpx." Belshan M., Ratner L. Virology 311:7-15(2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	139451
UniProt Accession #	P06939
Molecular Weight	14.8 kDa
NCBI Official Full Name	Protein Vpx
UniProt Protein Name	Protein Vpx
UniProt Gene Name	vpx
UniProt Entry Name	VPX_HV2RO

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.

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Online datasheet: <https://www.aaabiotech.com/vpx-recombinant-protein-e-coli/115098>