Protein Vpr (vpr) Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein Vpr (vpr), Recombinant Protein
Full Product Name	Recombinant Human immunodeficiency virus type 2 subtype A Protein Vpr (vpr)
Product Gene Name	vpr recombinant protein
Product Synonym Gene Name	vpr
Sequence	MTEAPAEFPP EDETPPRGPG DEWVIGILRE LREEALKHFD PRLLTTLGNY ICARHGDTLE SARELINVLQ RALFVHFRAG CKISRIGQTR GETPFSAIPT PRGMQ
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	11,795 Da
Sequence Positions	1-105, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q74123
Species	Human immunodeficiency virus type 2 subtype A (isolate KR) (HIV-2)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for vpr recombinant protein	MBS1293631 is a recombinant protein targeting vpr. Also known as Recombinant Human immunodeficiency virus type 2 subtype A Protein Vpr (vpr). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of vpr recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for vpr. It may not necessarily be applicable to this product.

NCBI GI #	2495246
NCBI Accession #	Q74123.1
UniProt Primary Accession #	Q74123
NCBI Official Full Name	Protein Vpr
UniProt Protein Name	Protein Vpr
UniProt Synonym Protein Names	R ORF protein; Viral protein R

Protein Family	Minor extracellular protease
UniProt Gene Name	vpr
UniProt Comments for vpr	Stimulates gene expression driven by the HIV-2 LTR. Prevents infected cells from undergoing mitosis and proliferating, by inducing arrest or delay in the G2 phase of the cell cycle. Cell cycle arrest creates a favorable environment for maximizing viral expression and production ().
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