

papillomavirus type 18 Minor capsid protein L2 Recombinant Protein | L2 recombinant protein

Recombinant Human papillomavirus type 18 Minor capsid protein L2

CATALOG # AAA114376	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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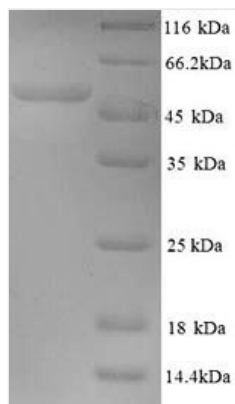
PRODUCT SYNONYMS

papillomavirus type 18 Minor capsid protein L2; Recombinant Human papillomavirus type 18 Minor capsid protein L2; L2 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	1-462aa; Full Length
Sequence	MVSHRAARRK RASVTDLYKT CKQSGTCPPD VVPKVEGTTL ADKILQWSSL GIFLGGLGIG TGSGTGGRGTG YIPLGGRSNT VVDVGPTRPP VVIEPVGPTD PSIVTLIEDS SVVTSGAPRP TFTGTSGFDI TSAGTTTPAV LDITPSSTSV SISTNFTNP AFS DPSIIEV PQTGEVAGNV FVGTP TSGTH GYEEIPLQTF ASSGTGEEPI SSTPLPTVRR VAGPRLYSRA YQQVSVANPE FLTRPSSLIT YDNPAFEPVD TTLTFDPRSD VPDSDFMDII RLHRPALTSR RGTVRFSRLG QRATMFTRSG TQIGARVHFY HDISPIASP EYIELQPLVS ATEDNDLFDI YADDMDPAVP VPSRSTTSFA FFKYSPTISS ASSYSNVTVP LTSSWDVPVY TGPDITLPST TSVWPIVSPT APASTQYIGI HGTHYYLWPL YYFIPKKRKR VPYFFADGFV AA
Production Note	Special Offer: The Yeast host-expressed protein is manufactured from a stock plasmid containing the protein gene. Yeasthost-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The Yeast host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select Yeast host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
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 L2 recombinant protein	Minor protein of the capsid that localizes along the inner surface of the virion, within the central cavities beneath the L1 pentamers. Plays a role in capsid stabilization through interaction with the major capsid protein L1. Once the virion enters the host cell, escorts the genomic DNA into the nucleus, in particular by promoting virion endosomal escape. It is involved, through its interaction with host dynein, in the intracellular microtubule-dependent transport of viral capsid toward the nucleus. Mediates the viral genome import into the nucleus through binding to host importins. Mediates the viral genome import into the nucleus through binding to host importins. Once within the nucleus, L2 localizes viral genomes to PML bodies in order to activate early gene expression for establishment of infection. Later on, promotes late gene expression by interacting with the viral E2 protein and by inhibiting its transcriptional activation functions. During virion assembly, encapsidates the genome by direct interaction with the viral DNA.
References	Nucleotide sequence and comparative analysis of the human papillomavirus type 18 genome. Phylogeny of papillomaviruses and repeated structure of the E6 and E7 gene products.Cole S.T., Danos O.J. Mol. Biol. 193:599-608(1987)

NCBI AND UNIPROT INFORMATION

NCBI GeneID	1489091
UniProt Accession #	P06793; CAA28670
Molecular Weight	51.6 kDa
NCBI Official Symbol	L2
NCBI Protein Information	L2 protein
UniProt Protein Name	Minor capsid protein L2
UniProt Gene Name	L2
UniProt Entry Name	VL2_HP18

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.