

Recombinant Human papillomavirus type 18 L1 protein

Catalog No: #AP72011

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Package Size: #AP72011-1 20ug #AP72011-2 100ug #AP72011-3 1mg

Description

Product Name	Recombinant Human papillomavirus type 18 L1 protein
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:358-533aaSequence Info:Partial
Accession No.	P06794
Uniprot	P06794
GeneID	1489090;
Calculated MW	24.1 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	GSIVTSDSQLFNKPYWLHKAQGHNNGVCWHNQLFVTVVDTTPSTNLTCASTQSPVPGQYDATKFKQYSRHV EEYDLQFIFQLCTITLTADVMSYIHSMNSSILEDWNFGVPPPTTSLVDTYRFVQSVAITCQKDAAPAENKDPYD KLKFWNVDLKEKFSLDLDQYPLGRKFLVQ
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Forms an icosahedral capsid with a T=7 symmetry and about 55 nm diameter. The capsid is composed of 72 pentamers linked to each other by disulfide bonds and associated with L2 proteins. The capsid encapsulates the genomic DNA, but does not bind DNA. Essential for the initial attachment to the host cell .

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)Research Topic:Others

Note: This product is for in vitro research use only