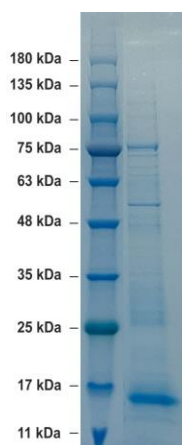


Recombinant E7 Protein of Human Papillomavirus (HPV) 18

CATALOG NUMBER: HPV18-E7-80P

Introduction	The human papillomavirus (HPV) is a non-enveloped, double-stranded, circular DNA (7-8 kb) virus that is responsible for causing multiple epithelial lesions and cancers. Papillomavirus genome is divided into an early region (E), encoding eight open reading frames (ORF) (E-E8) that are expressed immediately after initial infection of a host cell, and a late region (L) encoding a major capsid protein L1 and a minor capsid protein L2. Papillomaviruses are non-enveloped, and its outer shell is mainly composed by capsid protein L1.
Applications	Western blot standard, antibody ELISA, antigen, etc.
Description	Recombinant protein expressed and purified from <i>E.coli</i>
Viral Protein	C-terminal his-tagged full-length E7 recombinant protein of human papillomavirus 18 (GenBank accession#: P06788)
Storage	Store at -20 °C; Stable for 3-months from the date of shipment when kept at 4 °C.
Concentration	50 µg (1 µg/µl) in PBS pH7.4
Endotoxin Level	<0.01 EU per 1 µg of the protein by LAL test
Specificity	≥ 85% purity



SDS-PAGE (4-20%): purified recombinant E7 protein of HPV 18

Recombinant E7 protein (HPV 18) SEQ:

MHGPKATLQDIVLHLEPQNEIPVDLLCHEQLSDSEEENDEIDGVNHQHLPARRAEPQRHTMLCMCKCEARIKLVVSSADDLRAFQ
QLFLNLTLSFVCPWCASQQ**HHHHHH**