

papillomavirus type 52 Protein E7 Recombinant Protein | E7 recombinant protein

Recombinant Human papillomavirus type 52 Protein E7

CATALOG # AAA114669	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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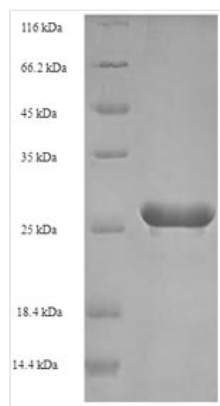
PRODUCT SYNONYMS

papillomavirus type 52 Protein E7; Recombinant Human papillomavirus type 52 Protein E7; E7 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	1-99aa; Full Length
Sequence	MRGDKATIKD YILDLQPETT DLHCYEQLGD SSDEEDTDGV DRPDGQAEQA TSNYYIVTYC HSCDSTLRLC IHSTATDLRT LQQMLLGTQ VVCPGCARL
Sequence Length	99
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 E7 recombinant protein

E7 protein has both transforming and trans-activating activities. Disrupts the function of host retinoblastoma protein RB1/pRb, which is a key regulator of the cell cycle. Induces the disassembly of the E2F1 transcription factors from RB1, with subsequent transcriptional activation of E2F1-regulated S-phase genes. Inactivation of the ability of RB1 to arrest the cell cycle is critical for cellular transformation, uncontrolled cellular growth and proliferation induced by viral infection. Stimulation of progression from G1 to S phase allows the virus to efficiently use the cellular DNA replicating machinery to achieve viral genome replication. Interferes with histone deacetylation mediated by HDAC1 and HDAC2, leading to activation of transcription.

References	Primer-directed sequencing of human papillomavirus types.Delius H., Hofmann B.Curr. Top. Microbiol. Immunol. 186:13-31(1994) Cloning and characterization of human papillomavirus type 52 from cervical carcinoma in Indonesia.Takami Y., Kondoh G., Saito J., Noda K., Sudiro T.M., Sjahrurachman A., Warsa U.C., Yutsudo M., Hakura A.Int. J. Cancer 48:516-522(1991) Interactions of SV40 large T antigen and other viral proteins with retinoblastoma tumour suppressor.Lee C., Cho Y.Rev. Med. Virol. 12:81-92(2002)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	549289
UniProt Accession #	P36831
Molecular Weight	27 kDa
NCBI Official Full Name	Protein E7
UniProt Protein Name	Protein E7
UniProt Gene Name	E7
UniProt Entry Name	VE7_HP52

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
 Online datasheet: <https://www.aaabiotech.com/e7-recombinant-protein-e-coli/114669>