

papillomavirus type 18 Protein E6 Recombinant Protein | E6 recombinant protein

Recombinant Human papillomavirus type 18 Protein E6

CATALOG # AAA18688	HOST E.coli	APPLICATIONS Calibrator, Standard
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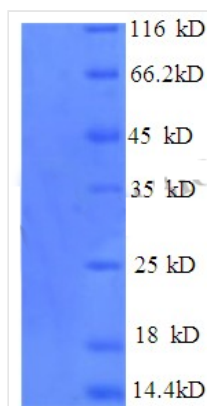
PRODUCT SYNONYMS

papillomavirus type 18 Protein E6; Recombinant Human papillomavirus type 18 Protein E6; E6 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	SDS-PAGE >90%
Form/Format	10 mM Tris-HCl, 1 mM EDTA, pH 8.0, 50% glycerol
Concentration	1 mg/ml (varies by lot)
Sequence Positions	1-158
Sequence	MARFEDPTRR PYKLPLDCTE LNTSLQDIEI TCVYCKTVLE LTEVFEFQFK DLFVVYRDSI PHAACHKCID FYSRIELRH YSDSVYGDIT EKLNTTGLYN LLIRCLRCQK PLNPAEKLRLH LNEKRRFHNI AGHYRGQCHS CCNRARQERL QRRRETQV
Applicable Applications for E6 recombinant protein	Calibrator, Standard
Tag Information	his-tag
Appearance	Clear Solution
Preparation and Storage	Store at -20°.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for E6 recombinant protein	Transcriptional transactivator. Binds double-stranded DNA. Has transforming activity. Inactivates, with E6-AP ubiquitin-protein ligase, the human p53/TP53 tumor suppressor protein by targeting it to degradation. Binds and targets human MUPP1/MPDZ protein to degradation. Those two functions presumably contribute to transforming activity. Interaction with human FBLN1 protein also seems to be linked to cell transformation.
Product Categories/Family for E6 recombinant protein	Epigenetics and Nuclear Signaling; Raw Materials Assay Development
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) The expression of human papillomavirus type 18 E6 protein in bacteria and the production of anti-E6 antibodies.Matlashewski G., Banks L., Wu-Liao J., Spence P., Pim D., Crawford L.J. Gen. Virol. 67:1909-1916(1986) Nucleotide sequences of cDNAs for human papillomavirus type 18 transcripts in HeLa cells.Inagaki Y., Tsunokawa Y., Takebe N., Nawa H., Nakanishi S., Terada M., Sugimura T.J. Virol. 62:1640-1646(1988) Different human cervical carcinoma cell lines show similar transcription patterns of human papillomavirus type 18 early genes.Schneider-Gaedicke A., Schwarz E.EMBO J. 5:2285-2292(1986) Identification of early proteins of the human papilloma viruses type 16 (HPV 16)and type 18 (HPV 18)in cervical carcinoma cells.Seedorf K., Oltersdorf T., Kraemer G., Roewekamp W.EMBO J. 6:139-144(1987) E6 protein of human papillomavirus type 18 binds zinc.Grossman S.R., Laimins L.A.Oncogene 4:1089-1093(1989) The HPV-16 E6 and E6-AP complex functions as a ubiquitin-protein ligase in the ubiquitination of p53.Scheffner M., Huibregtse J.M., Vierstra R.D., Howley P.M.Cell 75:495-505(1993) Multi-PDZ domain protein MUPP1 is a cellular target for both adenovirus E4-ORF1 and high-risk papillomavirus type 18 E6 oncoproteins.Lee S.S., Glaunsinger B., Mantovani F., Banks L., Javier R.T.J. Virol. 74:9680-9693(2000) Interaction of oncogenic papillomavirus E6 proteins with fibulin-1.Du M., Fan X., Hong E., Chen J.J.Biochem. Biophys. Res. Commun. 296:962-969(2002) Oncogenic human papillomavirus E6 proteins target the MAGI-2 and MAGI-3 proteins for degradation.Thomas M., Laura R., Hepner K., Guccione E., Sawyers C., Lasky L., Banks L.Oncogene 21:5088-5096(2002) Role of the PDZ domain-binding motif of the oncoprotein E6 in the pathogenesis of human papillomavirus type 31.Lee C., Laimins L.A.J. Virol. 78:12366-12377(2004) HPV E6 specifically targets different cellular pools of its PDZ domain-containing tumour suppressor substrates for proteasome-mediated degradation.Massimi P., Gammoh N., Thomas M., Banks L.Oncogene 23:8033-8039(2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	9626070
NCBI GeneID	1489088
NCBI Accession #	NP_040310.1
NCBI GenBank Nucleotide #	NC_001357.1
UniProt Accession #	P06463; CAA28664
NCBI Official Full Name	E6 protein
NCBI Official Symbol	E6
NCBI Protein Information	E6 protein
UniProt Protein Name	Protein E6
UniProt Gene Name	E6
UniProt Entry Name	VE6_HPV18

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.

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Online datasheet: <https://stage.aaabiotech.com/e6-recombinant-protein-e-coli-calibrator-standard/18688>