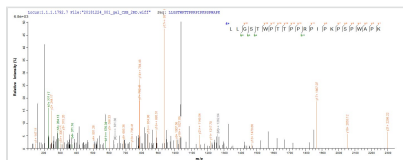




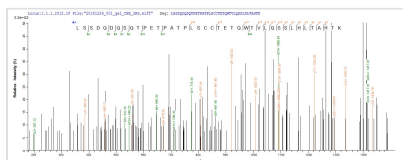
Recombinant Human papillomavirus type 16 protein E4 (E4)

Product Code	CSB-EP356968HML
Abbreviation	Recombinant Human papillomavirus type 16 E4 protein
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.
Uniprot No.	P06922
Storage Buffer	Tris-based buffer,50% glycerol
Product Type	Recombinant Protein
Immunogen Species	Human papillomavirus type 16
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	MADPAAATKYPLLKLLGSTWPTTPPRPIPKPSPWAPKKHRLSSDQDQSQTP ETPATPLSCCTETQWTVLQSSLHLTAHTKDGLTVIVTLHP
Research Area	Neuroscience
Source	E.coli
Target Names	E4
Protein Names	Recommended name: Probable protein E4
Expression Region	1-92aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	17.5 kDa
Protein Length	Full Length

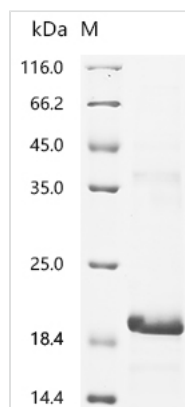
Image



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP356968HML could indicate that this peptide derived from E.coli-expressed Human papillomavirus type 16 E4.



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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Description

The expression of the recombinant Human papillomavirus type 16 Protein E4 involves the construction of a plasmid encoding the Human papillomavirus type 16 Protein E4 (1-92aa). This resulting plasmid is introduced into e.coli cells. Positive e.coli cells are selected and cultured for the protein expression. The protein is fused with a N-terminal 10xHis tag and C-terminal Myc tag. After that, cultured cells are lysed. The subsequent step includes purifying the recombinant Human papillomavirus type 16 Protein E4 through affinity purification from the cell lysate and assessing the purity of the protein via SDS-PAGE. The purity of the recombinant Protein E4 is greater than 85%.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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