

# Recombinant Human papillomavirus type 16 E2 Full Length protein, His-tagged

**Cat. No.** E2-4258H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human papillomavirus type 16 E2 Full Length protein(P03120)(1-365 aa), fused with C-terminal His tag, was expressed in E.coli.                                                                                                                                                                                                                                                             |
| <b>Species</b>          | Human papillomavirus type 16                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>ProteinLength</b>    | 1-365 aa                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.                                                                                                                                                                             |
| <b>Molecular Mass</b>   | 48.8 kDa                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>AASequence</b>       | METLCQRLNVCQDKILTHYENDSTDLRDHIDYWKHMRLECAIYYKAREMGFKHINHQ<br>VVPTLAVSKNKALQAIELQLTLETIYNSQYSNEKWTQLQDVSLEVYLTAPTGCICKKHGY<br>TVEVQFDGDICNTMHYTNWTHIYICEEASVTVVEGQVDYYGLYYVHEGIRTYFVQFK<br>DDAEKYSKNKVWEVHAGGQVILCPTSVFSSNEVSSPEIRQHLANHPAATHTKAVAL<br>GTEETQTTIQRPRSEPDTGNPCHTTKLLHRDSVDSAPILTAFNSSHKGRINCNSNTT<br>PIVHLKGDANTLKCLRYRFKKHCTLYTAVSSTWHWTGHNVKHKSAIVTLTYDSEWQ<br>RDQFLSQVKIPKTITVSTGFMSI |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                            |

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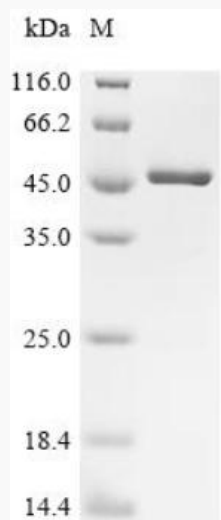
 45-1 Ramsey Road, Shirley, NY 11967, USA

**Storage**

Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

**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.

**SDS-PAGE**


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