

Recombinant Human papillomavirus type 16 L2 protein, His-SUMO-tagged

Cat. No. L2-4256H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Human papillomavirus type 16 L2 protein(P03107)(1-473aa), fused to N-terminal His-SUMO tag, was expressed in E. coli. |
| Species | Human papillomavirus type 16 |
| Source | E.coli |
| ProteinLength | 1-473aa |
| Form | 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, pH 8.0. |
| Molecular Mass | 66.7 kDa |
| AA Sequence | MRHKRS AKRTKRASATQLYKTCQAGTCPPDIIPKVEGKTIAEQILQYGSMGVFFGG LGIGTGSGTGGRTGYIPLGTRPPTATDTLAPVRPPLTVDPVGPSPSIVSLVEETSFI DAGAPTSVPSIPPDVSGFSITTSTDTTPAILDINNTVTTVTHNNPTFTDPSVLQPPTP AETGGHFTLSSSTISTHNYEEIPMDTFIVSTNPNTVTSSTPIPGSRPVARLGLYSRTTQ QVKVVDPAFVTTPTKLITYDNPAYEGIDVDNTLYFSSNDNSINIAPDPDFLDIVALHRP ALTSRRTGIRYSRIGNKQTLRTRSGKSIGAKVHYYYDLSTIDPAEEIELQTITPSTYTTT SHAASPTSINNGLYDIYADDFITDTSTTPVPSVPSTSLSGYIPANTTIPFGGAYNIPLVS GPDIPINITDQAPSLIPIVPGSPQYTIADAGDFYLHPSYMLRKRRKRLPYFFSDVSLA |

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| Purity | Greater than 90% as determined by SDS-PAGE. |
| Storage | Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles. |
| Reconstitution | 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%. |

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