

## Recombinant Human APC protein, His&Myc-tagged

**Cat. No.** APC-3422H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human APC protein(P25054)(960-1337aa), fused with N-terminal His tag and C-terminal Myc tag, was expressed in E.coli.                                                                                                                                                                                 |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                            |
| <b>ProteinLength</b>    | 960-1337aa                                                                                                                                                                                                                                                                                                        |
| <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, pH 8.0.                                                                                |
| <b>Molecular Mass</b>   | 49.8 kDa                                                                                                                                                                                                                                                                                                          |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                       |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                    |
| <b>Reconstitution</b>   | 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. |

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**AA Sequence**

SNDSLNSVSSSDGYGKRGQMKPSIESYSEDDSKFCSYGQYPADLAHKIHSANHM  
 DDNDGELDTPINYSKYSDEQLNSGRQSPSQNERWARPKHIIEDEIKQSEQRQSRN  
 QSTTYPVYTESTDDKHLKFQPHFGQQECVSPYRSRGANGSETNRVGSNHGINQNV  
 SQSLCQEDDYEDDKPTNYSERYSEEEQHHEEEERPTNYSIKYNEEKRHVDQPIDYSL  
 KYATDIPSSQKQSFSSKSSSGQSSKTEHMSSSENTSTPSSNAKRQNQLHPSSAQ  
 SRSGQPQKAATCKVSSINQETIQTYCVEDTPICFSRCSSSLSSSAEDEIGCNQTTQE  
 ADSANTLQIAEIKEKIGTRSAEDPVSEVPAVSQHPRTKSSRL

**GENE INFORMATION**

**Gene Name** [APC adenomatous polyposis coli \[ Homo sapiens \]](#)

**Official Symbol** [APC](#)

**Synonyms** APC; adenomatous polyposis coli; adenomatosis polyposis coli; adenomatous polyposis coli protein; DP2; DP2.5; DP3; PPP1R46; protein phosphatase 1; regulatory subunit 46; deleted in polyposis 2.5; adenomatosis polyposis coli tumor suppressor; protein phosphatase 1, regulatory subunit 46; GS; BTPS2;

**Gene ID** [324](#)

**mRNA Refseq** [NM\\_000038](#)

**Protein Refseq** [NP\\_000029](#)

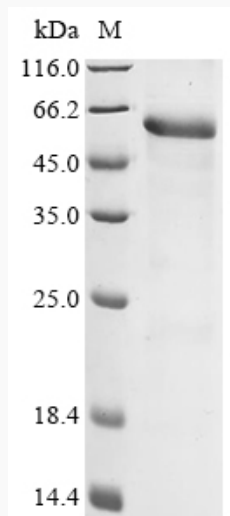
**MIM** [611731](#)

**UniProt ID** [P25054](#)

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**SDS-PAGE**

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