

## Recombinant Human YAP1 Protein, His-tagged

**Cat. No.** YAP1-600H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Human YAP1 Protein (Gln291-Leu504) with N-His tag was expressed in E. coli.  |
| <b>Species</b>          | Human  |
| <b>Source</b>           | E.coli   |
| <b>ProteinLength</b>    | Gln291-Leu504  |
| <b>Description</b>      | This gene encodes a downstream nuclear effector of the Hippo signaling pathway which is involved in development, growth, repair, and homeostasis. This gene is known to play a role in the development and progression of multiple cancers as a transcriptional regulator of this signaling pathway and may function as a potential target for cancer treatment. Alternative splicing results in multiple transcript variants encoding different isoforms. |
| <b>Form</b>             | Freeze-dried powder  |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: \<br>Accurate Molecular Mass: \  |
| <b>Purity</b>           | > 90%  |
| <b>Applications</b>     | Positive Control; Immunogen; SDS-PAGE; WB.   |

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|                       |  |
|-----------------------|--|
| <b>Stability</b>      | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| <b>Storage</b>        | Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.   |
| <b>Storage Buffer</b> | PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.   |
| <b>Reconstitution</b> | Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.  |

## GENE INFORMATION

|                        |  |
|------------------------|--|
| <b>Gene Name</b>       | YAP1 Yes-associated protein 1 [ Homo sapiens (human) ]   |
| <b>Official Symbol</b> | YAP1   |
| <b>Synonyms</b>        | YAP1; Yes-associated protein 1; Yes associated protein 1, 65kDa; yorkie homolog; YAP65; yes-associated protein 2; yes-associated protein beta; yes-associated protein delta; 65 kDa Yes-associated protein; YAP; YKI; YAP2 |
| <b>Gene ID</b>         | 10413  |
| <b>mRNA Refseq</b>     | NM_001130145   |
| <b>Protein Refseq</b>  | NP_001123617   |
| <b>MIM</b>             | 606608   |
| <b>UniProt ID</b>      | P46937   |

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