

Recombinant Human YAP1 Protein

Cat. No. YAP1-5533H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human YAP1 protein without tag was expressed in E. coli.
Species	Human
Source	E.coli
Description	Transcriptional regulator which can act both as a coactivator and a corepressor and is the critical downstream regulatory target in the Hippo signaling pathway that plays a pivotal role in organ size control and tumor suppression by restricting proliferation and promoting apoptosis. The core of this pathway is composed of a kinase cascade wherein STK3/MST2 and STK4/MST1, in complex with its regulatory protein SAV1, phosphorylates and activates LATS1/2 in complex with its regulatory protein MOB1, which in turn phosphorylates and inactivates YAP1 oncoprotein and WWTR1/TAZ.
Form	Lyophilized powder/frozen liquid
Purity	> 90 % as determined by SDS-PAGE
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.

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Reconstitution Reconstitute in sterile water for a stock solution.

Shipping They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name [YAP1 Yes-associated protein 1 \[Homo sapiens \(human\) \]](#)

Official Symbol [YAP1](#)

Synonyms 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;

Gene ID [10413](#)

mRNA Refseq [NM_001130145](#)

Protein Refseq [NP_001123617](#)

MIM [606608](#)

UniProt ID [P46937](#)

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