

PRODUCT INFORMATION

| | |
|---|--|
| Target | YAP1 |
| Synonyms | COB1;YAP;YAP2;YAP65;YKI |
| Description | Recombinant human YAP1 protein with C-terminal 6×His tag |
| Delivery | In Stock |
| Uniprot ID | P46937 |
| Expression Host | HEK293 |
| Tag | C-6×His Tag |
| Molecular Characterization | YAP1(Met1-Leu504) 6×His tag |
| Molecular Weight | The protein has a predicted molecular mass of 55.3 kDa after removal of the signal peptide. |
| Purity | The purity of the protein is greater than 90% as determined by SDS-PAGE and Coomassie blue staining. |
| Formulation & Reconstitution | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. |
| Storage&Shipping | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. |
| Background | 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. |
| Usage | Research use only |
| Conjugate | Unconjugated |



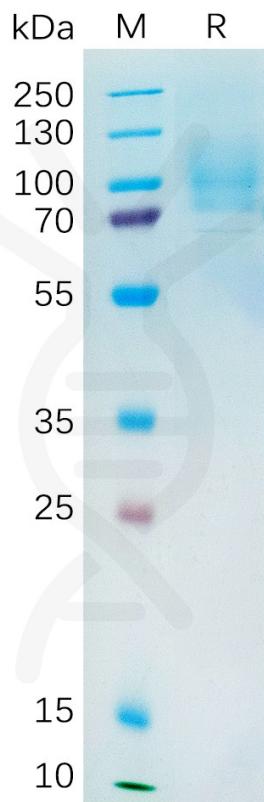


Figure 1. Human YAP1 Protein, His Tag on SDS-PAGE under reducing condition.

