

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

HUMAN YAP1 PROTEIN, HIS TAG

Cat.#: 11344

Product Name: Human YAP1 Protein

Size: 10 μg, 50 μg and 100 μg

Synonyms: COB1;YAP;YAP2;YAP65;YKI

Target: YAP1

UNIPROT ID: P46937

Description: Recombinant human YAP1 protein with C-terminal 6xHis tag **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.

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 55.3 kDa after removal of the signal peptide.

Molecular Characterization: YAP1 (Met1-Leu504) 6×His tag

Purity: The purity of the protein is greater than 90% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

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.



Product Description

Pioneering GTPase and Oncogene Product Development since 2010

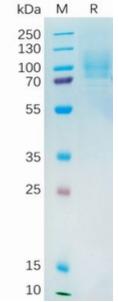


Figure 1. Human YAP1 Protein, His Tag on SDS-PAGE under reducing condition.