Recombinant Full Length Human YAP1 Protein, GST-tagged

Cat. No. YAP1-662HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human YAP1(1 a.a. - 504 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	504 amino acids
Description	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.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	80.9 kDa
AA Sequence	MDPGQQPPPQ PAPQGQGQPP SQPPQGQGPP SGPGQPAPAA TQAAPQAPPA GHQIVHVRGD SETDLEALFN AVMNPKTANV PQTVPMRLRK LPDSFFKPPE PKSHSRQAST DAGTAGALTP QHVRAHSSPA SLQLGAVSPG TLTPTGVVSG PAATPTAQHL RQSSFEIPDD VPLPAGWEMA KTSSGQRYFL NHIDQTTTWQ DPRKAMLSQM NVTAPTSPPV QQNMMNSASG PLPDGWEQAM TQDGEIYYIN

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	HKNKTTSWLD PRLDPRFAMN QRISQSAPVK QPPPLAPQSP QGGVMGGSNS NQQQQMRLQQ LQMEKERLRL KQQELLRQAM RNINPSTANS PKCQELALRS QLPTLEQDGG TQNPVSSPGM SQELRTMTTN SSDPFLNSGT YHSRDESTDS GLSMSSYSVP RTPDDFLNSV DEMDTGDTIN QSTLPSQQNR FPDYLEAIPG TNVDLGTLEG DGMNIEGEEL MPSLQEALSS DILNDMESVL AATKLDKESF LTWL
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	YAP1 Yes-associated protein 1 [Homo sapiens]
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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