

Recombinant Human YAP1 protein, GST-tagged

Cat. No. YAP1-18H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human YAP1(1 a.a. - 504 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	1-504 a.a.
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	MDPGQQPPPQPAPQGQGQPPSQPPQGQGPPSGPGQPAPAATQAAPQAPPAGHQ IVHVRGDSETDLEALFNAVMPN KTANVPQTVPMRLRKL PDSFFKPEPKSHSRQAS TDAGTAGALTPQH VRAHSSPASLQLGAVSPGTLTPTGVVSG PAATPTAQHLRQSSF EIPDDVPLPAGWEMAKTSSGQRYFLNHIDQTTTWQDPRKAMLSQMNV TAPTSPPV QQNMM NSASGPLPDGWEQAMTQDGEIYYINHKNKTT SWLDPRLDPRFAMNQRIS

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QSAPVKQPPPLAPQSPQGGVMGGSNS NQQQMRLQQLQMEKERLRLKQQELLR
 QAMRNINPSTANSPKCQELALRSQLPTLEQDGGTQNPVSSPGMSQELR TMTTNS
 DPFLNSGTYHSRDESTDSGLSMSSYSVPRTPDDFLNSVDEMDTGDTINQSTLPSQQ
 NRFPDYLEAIPG TNVDLGTLEGDGMNIEGELMPSLQEALSSDILNDMESVLAATKL
 DKESFLTWL

Applications Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
 Antibody Production; Protein Array

Notes Best use within three months from the date of receipt of this protein.

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

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UniProt ID	P46937
Chromosome Location	11q13
Pathway	ErbB4 signaling events, organism-specific biosystem; Fatty acid, triacylglycerol, and ketone body metabolism, organism-specific biosystem; Gene expression, organism-specific biosystem; Generic Transcription Pathway, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem; Nuclear signaling by ERBB4, organism-specific biosystem;
Function	protein binding; transcription coactivator activity; transcription corepressor activity; transcription regulatory region DNA binding;

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