

Recombinant Human YAP1 Protein Product Manual

1. Product Basic Information

Product No.: REP08669

Protein Name: Yorkie Homolog (YAP1)

Aliases: YAP; YKI; COB1; YAP2; YAP-YAP65; yorkie homolog; protein yorkie homolog; transcriptional coactivator YAP1; yes-associated protein YAP65 homolog; Yes1 associated transcriptional regulator

UniProt ID: P19880

UniProt Link: <https://www.uniprot.org/uniprotkb/P19880/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length (1-504aa)

Molecular Weight: 68.5 kDa

Protein Tag: N-terminal 6xHis-B2M-tagged

2. Amino Acid Sequence (1-504aa)

MDPGQQPPPQPAPQGQGQPPSQPPQGQGPPSGPGQPAPAATQAAPQAPPAGH
QIVHVRGDSETDLEALFNAVMPNPKTANVPQTVPMRLRKLKLPDSFFKPPPEPKSHSRQA
STDAGTAGALTPQHVRHSSPASLQLGAVSPGTLTPTGVVSGPAATPTAQHLRQS
SFEIPDDVPLPAGWEMAKTSSGQRYFLNHIDQTTTWQDPRKAMLSQMNVTAAPTSP
PVQQNMMNSASGPLPDGWEQAMTQDGEIYYINHKNKTTSWLDPRLDPRFAMNQR
ISQSAPVKQPPPLAPQSPQGGVMGGSNSNQQQQMRLQQLQMEKERLRLKQQELL
RQAMRNINPSTANSPKCQELALRSQLPTLEQDGGTQNPVSSPGMSQELRTMTTNS
SDPFLNSGTYHSRDESTDSGLSMSSYSVPRTPDDFLNSVDEMDTGDTINQSTLPSQ
QNRFPDYLEAIPGTNVDLGTLEGDGMNIEGEEMLPSLQEALSSDILNDMESVLAATK
LDKESFLTWL

3. Storage Buffer

Liquid Delivery Form: Tris-based buffer with 50% glycerol.

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.



4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human YAP1 full length protein (1-504aa) expressed in E.coli. The protein is with 6xHis-B2M tag at the N-terminus, which facilitates protein purification, detection and identification. YAP1, also known as YAP or YKI or COB1, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.