

# Recombinant human ZNF346 protein

Catalog Number: ATGP2306

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-294aa

### UniProt No.

Q9UL40

### NCBI Accession No.

NP\_036411

### Alternative Names

Zinc finger protein 346, JAZ, Zfp346

## PRODUCT SPECIFICATION

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### Molecular Weight

35.3 kDa (317aa) confirmed by MALDI-TOF

### Concentration

0.25mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 2mM DTT

### Purity

> 90% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

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### Description

ZNF346 is a nucleolar, zinc finger protein that preferentially binds to double-stranded (ds) RNA or RNA/DNA hybrids, rather than DNA alone. Mutational studies indicate that the zinc finger domains are not only essential for dsRNA binding, but are also required for its nucleolar localization. ZNF346 may be involved in cell growth and survival. Recombinant human ZNF346 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

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## Amino acid Sequence

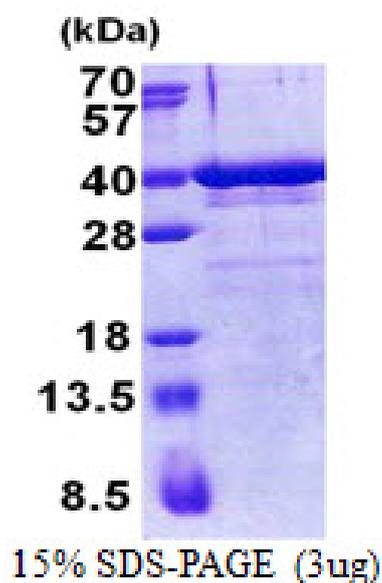
MGSSHHHHHH SSSLVPRGSH MGSMEYPAPA TVQAADGGAA GPYSSSELLE GQEPDGVRFD RERARRLWEA  
VSGAQPVGRE EVEHMIQKNQ CLFTNTQCKV CCALLISESQ KLAHYQSKKH ANKVKRYLAI HGMETLKGET KKLDSQKSS  
RSKDKNQCCP ICNMTFSSPV VAQSHYLGKT HAKNLKQKQ STKVEALHQN REMIDPDKFC SLCHATFNDP VMAQQHYVGK  
KHRKQETKQK LMARYGRLAD PAVTDFPAGK GYPCKTCKIV LNSIEQYQAH VSGFKHKNQS PKTVASSLGQ IPMQRQPIQK  
DSTTLED

## General References

Schmitt J., et al. (2012) *Int J Cancer*. 131(3):673-82.  
Yang M., et al. (1999) *J Biol Chem*. 274(39):27399-406.

## DATA

### SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.