

Recombinant human ZNF346 protein

Catalog Number: ATGP2306

PRODUCT INFORMATION

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

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

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

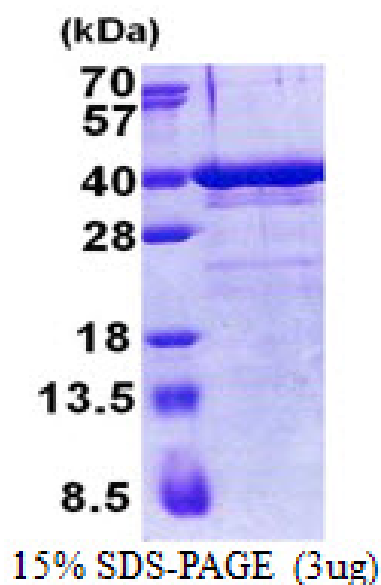
MGSSHHHHHH SSSLVPRGSH MGSMEYPAPA TVQAADGGAA GPYSSSELLE GQEPDGVRFD RERARRLWEA
VSGAQPVGRE EVEHMIQKNQ CLFTNTQCKV CCALLISESQ KLAHYQSKKH ANKVKRYLAI HGMETLKGET KKLDSQKSS
RSKDKNQCCP ICNMTFSSPV VAQSHYLGKT HAKNLKQKQ STKVEALHQN REMIDPDKFC SLCHATFNDP VMAQQHYVGK
KHRKQETKQK LMARYGRLAD PAVTDFPAGK GYPCKTCKIV LNSIEQYQAH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