

Product datasheet for **AR51130PU-N**

ZNF346 (1-294, His-tag) Human Protein

Product data:

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|---------------------------------------|--|
| Product Type: | Recombinant Proteins |
| Description: | ZNF346 (1-294, His-tag) human recombinant protein, 0.5 mg |
| Species: | Human |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | MGSSHHHHHH SSGLVPRGSH MGSMEYPAPA TVQAADGGAA GPYSSSELLE GQEPDGVRFDRERARRLWEA VSGAQPVGRE EVEHMIQKNQ CLFTNTQCKV CCALLISESQ KLAHYQSKKH ANKVKRYLAI HGMETLKGET KKLDSQKSS RSKDKNQCCP ICNMTFSSPV VAQSHYLGKT HAKNLKQKQ STKVEALHQN REMIDPKFC SLCHATFNDP VMAQQHYVGK KHRKQETKLLMARYGRLAD PAVTDFPAGK GYPCKTCKIV LNSIEQYQAH VSGFKHKNQS PKTVASSLGQ IPMQRQPIQK DSTTLED |
| Tag: | His-tag |
| Predicted MW: | 35.3 kDa |
| Concentration: | lot specific |
| Purity: | >90% by SDS - PAGE |
| Buffer: | Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 2 mM DTT |
| Preparation: | Liquid purified protein |
| Protein Description: | Recombinant human ZNF346 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. |
| Storage: | Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| RefSeq: | NP_001295142 |
| Locus ID: | 23567 |
| UniProt ID: | Q9UL40 , B7Z4N4 |
| Cytogenetics: | 5q35.2 |
| Synonyms: | JAZ; Zfp346 |



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Summary:

The protein encoded by this gene 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. The encoded protein may be involved in cell growth and survival. It plays a role in protecting neurons by inhibiting cell cycle re-entry via stimulation of p21 gene expression. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Apr 2015]

Protein Families:

Druggable Genome

Product images: