

## Product datasheet for **TP302856M**

### ZNF346 (NM\_012279) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human zinc finger protein 346 (ZNF346), 100 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone  
or AA Sequence:** >RC202856 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MEYPAPATVQAADGGAAGPYSSSELLEGQEPDGVRFDRERARRLWEAVSGAQPVGREEVEHMIQKNQCLF  
TNTQCKVCCALLISESQKLAHYQSKKHANKVKRYLAIHGMETLKGETKKLSDQKSSRSKDKNQCCPICN  
MTFSSPVVAQSHYLGKTHAKNLKQSTKVEALHQNREMIIDPKFCSLCHATFNDPVMQAQQHYVGGKKHR  
KQETKLLMARYGRLADPAVTDFFPAGKGYCKTCKIVLNSIEQYQAHVSGFKHKNQSPKTVASSLGQIPM  
QRQPIQKDSTTLED

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 32.8 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_036411](#)

**Locus ID:** 23567



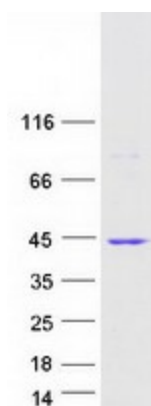
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UniProt ID: [Q9UL40](#)  
RefSeq Size: 3089  
Cytogenetics: 5q35.2  
RefSeq ORF: 882  
Synonyms: JAZ; Zfp346

**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:



Coomassie blue staining of purified ZNF346 protein (Cat# [TP302856]). The protein was produced from HEK293T cells transfected with ZNF346 cDNA clone (Cat# [RC202856]) using MegaTran 2.0 (Cat# [TT210002]).