

Product datasheet for **TP302856**

ZNF346 (NM_012279) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human zinc finger protein 346 (ZNF346), 20 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



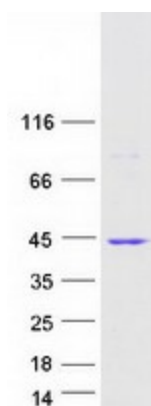
[View online »](#)

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]).