

# **Product datasheet for TP306317M**

## OriGene Technologies, Inc.

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### RPL18 (NM 000979) Human Recombinant Protein

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human ribosomal protein L18 (RPL18), 100 μg

Species: Human
Expression Host: HEK293T

**Expression cDNA Clone** >RC206317 protein sequence or AA Sequence: Red=Cloning site Green=Tags(s)

MGVDIRHNKDRKVRRKEPKSQDIYLRLLVKLYRFLARRTNSTFNQVVLKRLFMSRTNRPPLCLSRMIRKM KLPGRENKTAVVVGTITDDVRVQEVPKLKVCALRVTSRARSRILRAGGKILTFDQLALDSPKGCGTVLLS

GPRKGREVYRHFGKAPGTPHSHTKPYVRSKGRKFERARGRRASRGYKN

**TRTRPL**EQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

**Predicted MW:** 21.5 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 000970

**Locus ID:** 6141

UniProt ID: <u>Q07020</u>, <u>A0A024QZD1</u>

RefSeq Size: 893



#### RPL18 (NM\_000979) Human Recombinant Protein - TP306317M

Cytogenetics: 19q13.33

RefSeq ORF: 564

Synonyms: DBA18; L18

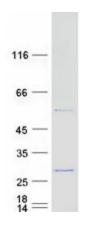
Summary: Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a

large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a member of the L18E family of ribosomal proteins that is a component of the 60S subunit. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. Alternatively spliced transcript variants encoding multiple isoforms have been

observed for this gene. [provided by RefSeq, Jul 2012]

**Protein Pathways:** Ribosome

## **Product images:**



Coomassie blue staining of purified RPL18 protein (Cat# [TP306317]). The protein was produced from HEK293T cells transfected with RPL18 cDNA clone (Cat# [RC206317]) using MegaTran 2.0 (Cat# [TT210002]).