

Product datasheet for **TP303538M**

RPP25 (NM_017793) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human ribonuclease P/MRP 25kDa subunit (RPP25), 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC203538 protein sequence
Red=Cloning site **Green**=Tags(s)

MENFRKVRSEEAPAGCGAEGGGPGSGPFADLAPGAVHMRVKEGSKIRNLMAFATASMAQPATRAIVFSGC
GRATTKVTCAEILKRRLAGLHQVTRLRYRSVREWQSLPPGPTQGQTPGEPAAASLSVLKNVPLAILLS
KDALDPRQPGYQPPNPHPGPSSPPAAPASKRSLGEPAAEGSAKRSQPEPGVADEDQTA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 20.5 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_060263](#)

Locus ID: 54913

UniProt ID: [Q9BUL9](#)

RefSeq Size: 2333



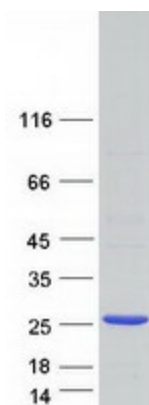
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Cytogenetics: 15q24.2

RefSeq ORF: 597

Summary: Component of ribonuclease P, a ribonucleoprotein complex that generates mature tRNA molecules by cleaving their 5'-ends (PubMed:12003489, PubMed:16723659, PubMed:30454648). Also a component of the MRP ribonuclease complex, which cleaves pre-rRNA sequences (PubMed:28115465).[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified RPP25 protein (Cat# [TP303538]). The protein was produced from HEK293T cells transfected with RPP25 cDNA clone (Cat# [RC203538]) using MegaTran 2.0 (Cat# [TT210002]).