

# Human EMG1 Recombinant Protein



RPPB3446

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## Product Information    Protein Information

**Product SKU:**

RPPB3446

**Accession:**

Q92979

**Host:**

E.coli.

**Protein description:**

EMG1 Human Recombinant produced in E. coli is a single polypeptide chain containing 267 amino acids (1-244) and having a molecular mass of 29.1kDa. EMG1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

EMG1 nucleolar protein homolog (*S. cerevisiae*), 18S rRNA Psi1248 methyltransferase, 18S rRNA (pseudouridine-N1-)-methyltransferase NEP1, Ribosome biogenesis protein NEP1, essential for mitotic growth 1, ribosomal RNA small subunit methyltransferase NEP1, Protein C2f, BWCNS, Grcc2f, NEP1, EC 2.1.1.-.

**Formulation:**

The EMG1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT and 20% glycerol.

**Purity:**

Greater than 95% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SGLVPRGSH MGSMAAPSDG FKPRERSGGE QAQDWDALPP KRPRLGAGNK IGGRRLLIVL  
EGASLETVKV GKTYELLNCD KHSILLKNG RDPGEARPD I THQSLMLMD SPLNRAGLLQ VYIHTQKNVL  
IEVNPQTRIP RTFDRFCGLM VQLLHLSVR AADGPQKLLK VIKNPVSDHF PVGCMKVGTS FSIPVSDVR  
ELVPSSDPIV FVVGAFAHGK VSVEYTEKMV SISNYPLSAA LTCAKLTAF EEVWGV I