ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

# EMG1 Nucleolar Protein Human Recombinant

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| **Item Number** | rAP-3798 |
| **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, |
| **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. |
| **Uniprot Accesion Number** | Q92979 |
| **Amino Acid Sequence** | MGSSHHHHHH SSGLVPRGSH MGSMAAPSDG FKPRERSGGE QAQDWDALPP KRPRLGAGNK IG-GRRLIVVL EGASLETVKV GKTYELLNCD KHKSILLKNG RDPGEARPDI THQSLLMLMD SPLNRAGLLQ VYIHTQKNVL IEVNPQTRIP RTFDRFCGLM VQLLHKLSVR AADGPQKLLK VIKNPVSDHF PVGCMKVGTS FSIPVVSDVR ELVPSSDPIV FVVGAFAHGK VSVEYTEKMV SISNYPLSAA LTCAKLTTAF EEVWGVI |
| **Source** | E.coli. |
| **Physical Appearance and Stability** | Sterile Filtered colorless solution. 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. |
| **Formulation and Purity** | The EMG1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM Nacl, 1mM DTT and 20% glycerol. Greater than 95% as determined by SDS-PAGE. |
| **Application** | |
| **Solubility** | |
| **Biological Activity** | |
| **Shipping Format and Condition** | Lyophilized powder at room temperature. |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only