

Product datasheet for **AR50441PU-N**

EMG1 / C2F (1-244, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	EMG1 / C2F (1-244, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMAAPSDG FKPRERSGGE QAQDWDALPP KRPRLGAGNK IGRRLLIVL EGASLETVKV GKTYELLNCD KHK SILLKNG RDPGEARPDI THQSLMLMD SPLNRAGLLQ VYIHTQKNVL IEVNPQTRIP RTFDRFCGLM VQLLHKLSVR AADGPQKLLK VIKNPVSDFH PVGCMKVGTS FSIPVSDVR ELVPSSDPIV FVVGAFAHGK VSVEYTEK MV SISNYPLSAA LTCAKLTTAF EEVWGV I
Tag:	His-tag
Predicted MW:	29.1 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human EMG1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001306978
Locus ID:	10436
UniProt ID:	Q92979
Cytogenetics:	12p13.31
Synonyms:	C2F; Grcc2f; NEP1



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Summary:

This gene encodes an essential, conserved eukaryotic protein that methylates pseudouridine in 18S rRNA. The related protein in yeast is a component of the small subunit processome and is essential for biogenesis of the ribosomal 40S subunit. A mutation in this gene has been associated with Bowen-Conradi syndrome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2016]

Product images: