

Recombinant Full Length Human EMG1 Protein, GST-tagged

Cat. No. EMG1-4242HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EMG1 full-length ORF (BAF84286.1, 1 a.a. - 244 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	244 amino acids
Description	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]
Molecular Mass	53.24 kDa
AA Sequence	MAAPSDGFKPRERSGGEQAQDWDALPPKRPRLGAGNKIGGRRRLIVLEGASLETVK VGKTYELLNCDKHKSILLKNGRDPGEARPDITHQSLLMLMDSPLNRAGLLQVYIHTQ KNVLIEVNPQTRIPRTFDRFCGLMVQLLHKLSVRAADGPQKLLKVIKNPVSDHFPVG CMKVGTSFSIPVSDVRELVPSSDPIVFVGAFAHGKVSVEYTEKMVSISNYPLSAAL TCAKLTTAFEEAWGVI
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	EMG1 EMG1 nucleolar protein homolog (S. cerevisiae) [Homo sapiens]
Official Symbol	EMG1
Synonyms	EMG1; EMG1 nucleolar protein homolog (S. cerevisiae); ribosomal RNA small subunit methyltransferase NEP1; C2F; Grcc2f; NEP1; essential for mitotic growth 1; ribosome biogenesis protein NEP1; 18S rRNA Psi1248 methyltransferase; 18S rRNA (pseudouridine-N1-)-methyltransferase NEP1; FLJ60792;
Gene ID	10436
mRNA Refseq	NM_006331
Protein Refseq	NP_006322
MIM	611531
UniProt ID	Q92979

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