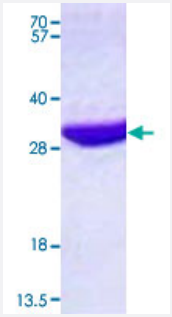
Full-Length

EMG1 (Human) Recombinant Protein

Catalog # P5850 Size 100 ug

Applications



Specification

Product Description	Human EMG1 (NP_006322, 1 a.a. - 244 a.a.) full-length recombinant protein with His tag expressed in *Escherichia coli*.
Sequence	MGSSHHHHHHSSGLVPRGSHMGSMAAPSDGFKPRERSGGEQAQDWDALPPKRPRLGAGNKIG GRRLIVVLEGASLETVKVGKTYELLNCDKHKSILLKNGRDPGEARPDITHQSLLMLMDSPLNRAGL LQVYIHTQKNVLIEVNPQTRIPRTFDRFCGLMVQLLHKLSVRAADGPQKLLKVIKNPVSDHFPVGC MKVGTSFSIPVVSDVRELVPSSDPIVFVVGAFAHGKVSVEYTEKMVSISNYPLSAALTCAKLTTAF EEVWGVI
Host	Escherichia coli
Theoretical MW (kDa)	29.1
Form	Liquid
Preparation Method	*Escherichia coli* expression system
Purity	> 95% by SDS - PAGE
Quality Control Testing	3 ug/lane in 15% SDS-PAGE Stained with Coomassie Blue. Due to the protein nature, dimmers and multimers may be observed.
Storage Buffer	In 20 mM Tris-HCl buffer, 0.1 M NaCl, pH 8.0 (10% glycerol, 1 mM DTT).

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Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — EMG1

Entrez GeneID	10436
Gene Name	EMG1
Gene Alias	C2F, FLJ60792, Grcc2f, NEP1
Gene Description	EMG1 nucleolar protein homolog (S. cerevisiae)
Omim ID	611531
Gene Ontology	Hyperlink
Gene Summary	EMG1 plays a role in the processing of the pre-18S rRNA and small ribosomal subunit assembly (Liu and Thiele, 2001 [PubMed 11694595]) and may play a role in methylation during ribosome bi ogenesis (Eschrich et al., 2002 [PubMed 11935223]).[supplied by OMIM
Other Designations	C2f protein

Disease

- Breast cancer
- Breast Neoplasms
- Genetic Predisposition to Disease

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