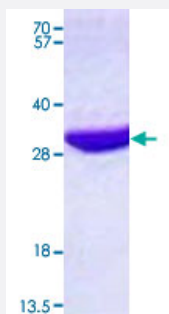


Full-Length

# 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

MGSSHHHHHHSSGLVPRGSHMGMAAPSDGFKPRERSGGEQAQDWDALPPKRRLGAGNKIG  
GRRLIVLEGASLETVKVGKTYELLNCDKHKSILLKNGRDPGEARPDITHQSLLMLDSPLNRAGL  
LQVYIHTQKNVLIEVNPQTRIPRTFDRFCGLMVQLLHKLSVRAADGPQKLLKVIKNPVSDHFPVGC  
MKVGTFSFIPVVSVDRELVPSSDPVFFVGAFAGHKVSVEYTEKMVVISNYPLSAALTCAKLTTAF  
EEVWGV

### 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).

**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      | <a href="#">10436</a>                                                                                                                                                                                                                                            |
| Gene Name          | EMG1                                                                                                                                                                                                                                                             |
| Gene Alias         | C2F, FLJ60792, Grcc2f, NEP1                                                                                                                                                                                                                                      |
| Gene Description   | EMG1 nucleolar protein homolog (S. cerevisiae)                                                                                                                                                                                                                   |
| Omim ID            | <a href="#">611531</a>                                                                                                                                                                                                                                           |
| Gene Ontology      | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                        |
| 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 biogenesis (Eschrich et al., 2002 [PubMed 11935223]).[supplied by OMIM] |
| Other Designations | C2f protein                                                                                                                                                                                                                                                      |

## Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)