

Full-Length

EMG1 (Human) Recombinant Protein (P01)

Catalog # H00010436-P01

Size 50 ug

Specification

Product Description	Human EMG1 full-length ORF (BAF84286.1, 1 a.a. - 244 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAAPSDGFKPRERSGGEQAQDWDALPPKRPRLGAGNKIGGRRLMVLEGASLETVKVGKTYELL NCDKHKSILLKNGRDPGEARPDITHQSLLMLMDSPLNRAGLLQVYHTQKNVLIEVNPQTRIPRTFD RFCGLMVQLLHKLSVRAADGPQKLLKVIKNPVSDFHPVGCMKVGTSFSIPVVSDVRELVPSSDPI VFVVGAFAHGKVSVEYTEKMVSISNYPLSAALTCAKLTTAFEEAWGVI
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	53.24
Interspecies Antigen Sequence	Mouse (88); Rat (90)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production

- Protein Array

Gene Info — EMG1

Entrez GeneID	10436
GeneBank Accession#	AK291597.1
Protein Accession#	BAF84286.1
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 biogenesis (Eschrich et al., 2002 [PubMed 11935223]).[supplied by OMIM]
Other Designations	C2f protein

Disease

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