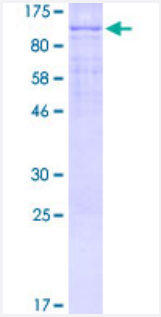
Full-Length

EML1 (Human) Recombinant Protein (P01)

Catalog # H00002009-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human EML1 full-length ORF (AAH33043.1, 1 a.a. - 815 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MEDGFSSYSSLYDTSSLLQFCNDDSASAASSMEVTDRIASLEQRVQMQEDDIQLLKSALADVVR RLNITEEQQAVLNRKGPTKARPLMQTLPLRTTVNNGTVLPKKPTGSLPSPSGVRKETAVPATKSNI KRTSSSERVSPGGRRESNGDSRGNRNRTGSTSSSSSGKKNSESKPKEPVFSAEEGYVKMFLRG RPVTMYMPKDQVDSYSLEAKVELPTKRLKLEWVYGYRGRDCRNNLYLLPTGETVYFIASVVVLYN VEEQLQRHYAGHNDDVKCLAVHPDRITIATGQVAGTSKDGKQLPPHVRIWDSVTLNTLHVIGIGFF DRAVTCIAFSKSNGGTNLCAVDDSNDHVLSVWDWQKEEKLADVKCSNEAVFAADFHPTDTNIIV TCGKSHLYFWTLEGSSLNKKQGLFEKQEKPKFVLCVTFSENGDTITGDSSGNILVWGKGTNRISYA VQGAHEGGIFALCMLRDGTLVSGGGKDRKLISWSGNYQKLRKTEIPEQFGPIRTVAEGKGDVILIGT TRNFVLQGTLSGDFTPITQGHTDELWGLAINASKSQFLTCGHDKHATLWDAVGHRPVWDKIIEDP AQSSGFHPSGSVVAVGTLTGRWFVFDTGTKDLVTVHTDGNEQLSVMRYSPDGNFLAIGSHDNCI YIYGVSDNGRKYTRVGKCSGHSSFITHLDWSVNSQFLVSNSGDYEILYWVPSACKQVVSVETTRDI EWATYTCTLGFHVFGVWPEGSDGTDINAVCRAHEKKLLSTGDDFGKVHLFSYPCSQFRAPSHIY GGHSSHVTNVDFLCEDSHLISTGGKDTSIMQWRVI
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	115.39
Interspecies Antigen Sequence	Mouse (96); Rat (96)

Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
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 — EML1

Entrez GeneID	2009
GeneBank Accession#	BC033043
Protein Accession#	AAH33043.1
Gene Name	EML1
Gene Alias	ELP79, EMAP, EMAPL, FLJ45033, HuEMAP
Gene Description	echinoderm microtubule associated protein like 1
Omim ID	602033
Gene Ontology	Hyperlink

Gene Summary	Human echinoderm microtubule-associated protein-like is a strong candidate for the Usher syndrome type 1A gene. Usher syndromes (USHs) are a group of genetic disorders consisting of congenital deafness, retinitis pigmentosa, and vestibular dysfunction of variable onset and severity depending on the genetic type. The disease process in USHs involves the entire brain and is not limited to the posterior fossa or auditory and visual systems. The USHs are catagorized as type I (USH1A, USH1B, USH1C, USH1D, USH1E and USH1F), type II (USH2A and USH2B) and type III (USH3). The type I is the most severe form. Gene loci responsible for these three types are all mapped. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq
Other Designations	echinoderm microtubule-associated protein-like

Disease

- Genetic Predisposition to Disease
- Obesity
- Ovarian Failure
- Polycystic Ovary Syndrome
- Puberty
- Thrombophilia
- Tobacco Use Disorder