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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

EML1 (Human) Recombinant Protein (P01)

Catalog Number: H00002009-P01

Regulation Status: For research use only (RUO)

Product Description: Human EML1 full-length ORF (AAH33043.1, 1 a.a. - 815 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MEDGFSSYSLLYDTSSLLQFCNDDSSASAASSMEVTR
IASLEQRVQMVEDDIQLLKSALADVRRRLNITEEQAV
LNRKGPTKARPLMQTLPLRTTVNNGTVLPKKPTGSLP
SPSGVRKETAVPATKSNIKRTSSSERVSPGGRRESNG
DSRGNRNRGTSTSSSSSGKKNSEKPKPEVFSAEEG
YVKMFLRGRPVTMYMPKDQVDSYSLEAKVELPTKRLK
LEWVYGYRGRDCRNLYLLPTGETVYFIASVVVLYNV
EEQLQRHYAGHNDVVKCLAVHPDRITATGQVAGTSK
DGKQLPPHVRIWDSVTLNLTLVHIGIGFFDRAVTCIAFSK
SNGGTNLCAVDDSNHDVLSVWDWQKEEKLADVCKSN
EAVFAADFHPTDTNIIIVTCGKSHLYFWTLEGSSLNKKQ
GLFEKQEKPKFVLCVTFSENGDTITGDSSGNILVWGK
GTNRISYAVQGAHEGGIFALCMLRDGTLVSGGGKDRK
LISWSGNYQKLRKTEIPEQFGPIRTVAEGKGDVILIGTT
RNFVLQGTLSGDFTPITQGHDELWGLAINASKSQFLT
CGHDKHATLWDAVGHPRVWDKIIEDPAQSSGFHPSG
SVVAVGTLTGRWFVFDGTGKDLVTVHTDGNEQLSVM
RYSFDGNFLAIGSHDNCIYIYGVSDNGRKYTRVGKCS
GHSSFITHLDWSVNSQFLVNSGDYEILYVWPSACKQ
VVSVESTRDIEWATYTCTLGFHVFGVWPEGSDGTDIN
AVCRAHEKLLSTGDDFGKVHLFSYPCSQFRAPSHIY
GGHSSHVTNVDFLCEDSLHISTGGKDTSIMQWRVI

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 115.39

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

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.

Entrez GeneID: 2009

Gene Symbol: EML1

Gene Alias: ELP79, EMAP, EMAPL, FLJ45033, HuEMAP

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 categorized 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]