



# Recombinant Mouse Engulfment and cell motility protein 1 (Elmo1)

<b>Product Code</b>	CSB-MP804386MO
<b>Abbreviation</b>	Elmo1
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q8BPU7
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MPPPSDIVKV AIEWPGAYPK LMEIDQKKPL SAIKEVCDG WSLANHEYFA LQHADSSNFY ITEKNRNEIK NGTILRLTTS PAQNAQQLHE RIQSSSMDAK LEALKDLASL SRDVTFAQEF INLDGISLLT QMVESGTERY QKLQKIMKPC FGDMLSFTLT AFVELMDHGI VSWDTFSVAF IKKIASFVNK SAIDISILQR SLAILESMVL NSHDLYQKVA QEITIGQLIP HLQGTDQEIQ TYTIAVINAL FLKAPDERRQ EMANILAQQKQ LRYIILTHVI RAQRAINNEM AHQLYVLQVL TFNLLEDRMM TKMDPQDQAQ RDIIFELRRI AFDAESEPNN SSGSMEKRKS MYTRDYKKLK FINHVNPAVD FTQTPPGMLA LDNMLYFAKH HQDAYIRIVL ENSSREDKHE CPFGRSSIEL TKMLCEILKV GELPSETCND FHPMFFTHDR SFEEFFCICI QLLNKTWKEM RATEDFNKV MQVVKEQVMR ALTTKPSSLD QFKSKLQNLNLS YTEILKIRQS ERMNQEDFQS RPILELKEKI QPEILELIKQ QRLNRLVEGT CFRKLNARRR QDKFWYCRLS PNHKVLHYGD LEESPQGEVP HDSLQDKLPV ADIKAVVTGK DCPHMKEKGA LKQNKEVLEL AFSILYDSNC QLNFIAPDKH EYCIWTDGLN ALLGKDMMSD LTRNDLDTLL SMEIKLRLLD LENIQIPDAP PPIKPEPSNY DFVYDCN
<b>Source</b>	Mammalian cell
<b>Target Names</b>	Elmo1
<b>Protein Names</b>	Recommended name: Engulfment and cell motility protein 1 Alternative name(s): Protein ced-12 homolog
<b>Expression Region</b>	1-727
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	This protein interacts with the dedicator of cyto-kinesis 1 protein to promote phagocytosis and effect cell shape changes. Similarity to a C. elegans protein suggests that this protein may function in apoptosis and in cell migration.



Alternative splicing of this gene results in multiple transcript variants encoding different isoforms.

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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

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