



Recombinant Human Engulfment and cell motility protein 1 (ELMO1)

Product Code	CSB-EP856404HU-B
Abbreviation	ELMO1
Storage	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.
Uniprot No.	Q92556
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MPPPADIVKV AIEWPGAYPK LMEIDQKKPL SAIKEVCDG WSLANHEYFA LQHADSSNFY ITEKNRNEIK NGTILRLTTS PAQNAQQLHE RIQSSSMDAK LEALKDLASL SRDVTFAQEF INLDGISLLT QMVESGTERY QKLQKIMKPC FGDMLSFTLT AFVELMDHGI VSWDTFSVAF IKKIASFVNK SAIDISILQR SLAILESMVL NSHDLYQKVA QEITIGQLIP HLQGSDQEIQ TYTIAVINAL FLKAPDERRQ EMANILAQQKQ LRSIILTHVI RAQRAINNEM AHQLYVLQVL TFNLLEDRMM TKMDPQDQAQ RDIIFELRRI AFDAESEPNN SSGSMEKRKS MYTRDYKKLG FINHVNPAMD FTQTPPGMLA LDNMLYFAKH HQDAYIRIVL ENSSREDKHE CPFGRSSIEL TKMLCEILKV GELPSETCND FHPMFFTHDR SFEEFFCICI QLLNKTWKEM RATEDFNKV MQVVKEQVMR ALTTKPSSLD QFKSKLQNLNLS YTEILKIRQS ERMNQEDFQS RPILELKEKI QPEILELIQK QRLNRLVEGT CFRKLNARRR QDKFWYCRLS PNHKVLHYGD LEESPQGEVP HDLQDKLPV ADIKAVVTGK DCPHMKEKGA LKQNKEVLEL AFSILYDSNC QLNFIAPDKH EYCIWTDGLN ALLGKDMMSD LTRNDLDTLL SMEIKLRLLD LENIQIPDAP PPIKPEPSNY DFVYDCN
Source	E.coli
Target Names	ELMO1
Protein Names	Recommended name: Engulfment and cell motility protein 1 Alternative name(s): Protein ced-12 homolog
Expression Region	1-727
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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.

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.

Shelf Life

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.