



# Recombinant Human Engulfment and cell motility protein 3 (ELMO3)

|                          |  |
|--------------------------|--|
| <b>Product Code</b>      | CSB-BP846590HU   |
| <b>Abbreviation</b>      | ELMO3  |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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>       | Q96BJ8   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Homo sapiens (Human)   |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | MAPPRNVVKI AIKMRDAIPQ LIQLDQAKPL AAVLKEVCDA WSLTHSERYA<br>LQFADGHRRY ITENNRAEIK NGSILCLSTA PDLEAEQLLG GLQSNSPEGR<br>REALRRLVPL ASDMIFAREV ISRNGLQILG TIIEDGDDLG EVLALSLRAF<br>SELMHEGVVS WETLSIPFVR KVVICYVMNL MDASVPPLAL GLLESVTLSS<br>PALGQLVKSE VPLDRLLVHL QVMNQQLQTK AMALLTALLQ GASPVERKHM<br>LDYLWQRNLR QFIYKNIHS AAPMGDEMAH HLYVLQALML GLEPRMRT<br>LDPYSQEQRE QLQVLRQAAF EVEGESSGAG LSADRRRSLC AREFRKLGFS<br>NSNPAQDLER VPPGLLALDN MLYFSRNAPS AYSRFVLENS SREDKHECPF<br>ARGSIQLTVL LCELLRVGEP CSETAQDFSP MFFGQDQSFH ELFCVGIQLL<br>NKTWKEMRAT QEDFDKVMQV VREQLARTLA LKPTSLELFR TKVNALTYGE<br>VLRLRQTERL HQEGTLAPPI LELREKLKPE LMGLIRQQRL LRLCEGTLFR<br>KISSRRRQDK LWFCCLSPNH KLLQYGDMEE GASPTLES LPEQLPVADMR<br>ALLTGKDCPH VREKSGSKQN KDLYELAFSI SYDRGEEAY LNFIAPSKRE<br>FYLWTDGLSA LLGSPMGSEQ TRLDLEQLLT METKLRLLEL ENVPIPERPP<br>PVPPPPTNFN FCYDCSIAEP |
| <b>Source</b>            | Baculovirus  |
| <b>Target Names</b>      | ELMO3  |
| <b>Protein Names</b>     | Recommended name: Engulfment and cell motility protein 3   |
| <b>Expression Region</b> | 1-720  |
| <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 is similar to a <i>C. elegans</i> protein that functions in phagocytosis of apoptotic cells and in cell migration. Other members of this small family of engulfment and cell motility (ELMO) proteins have been shown to interact with the dedicator of cyto-kinesis 1 protein to promote phagocytosis and effect cell  |



shape changes.

---

**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.