

Recombinant Full Length Human ELMO3 Protein, GST-tagged

Cat. No. ELMO3-4361HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ELMO3 full-length ORF (AAH34410.1, 1 a.a. - 607 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	607 amino acids
Description	The protein encoded by this gene is similar to a C. elegans 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. [provided by RefSeq, Jul 2008]
Molecular Mass	95.3 kDa
AA Sequence	MIFAREVISRNLQILGTIIEDGDDLGEVLALSLRAFSELMEHGVVSWETLSIPFVRKV VCYVNMNLMIDASVPPLALGLLESVTLSPPALGQLVKSEVPLDRLLVHLQVMNQQLQ TKAMALLTALLQGASPVERKHMLDYLWQRNLRQFIYKNIHSAAPMGDEMAHHLYVL QALMLGLLEPRMRTPLDPYSQEQRQLQVLRQAAFEVEGESSGAGLSADRRRSLC AREFRKLGFSNSNPAQDLERVPPGLLALDNMLYFSRNAPSAYSRLFVLENSSREDKH ECPFARGSIQLTVLLCELLRVGEPCESETAQDFSPMFFGQDQSFHELFCVGIQLLNKT WKEMRATQEDFDKVMQVVREQLARTLALKPTSLELFRTKVNALTYGEVLRRLRQTER LHQEGTLAPPILELREKLKPELMGLIRQQRLLRLCEGTLFRKISSRRRQDKLWFCCLS

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PNHKLLQYGDMEEGASPPTLESLEQLPVADMRRALLTGKDCPHVREKGSQKQNKD
LYELAFSISYDRGEEEEAYLNFIAPSKREFYLWTDGLSALLGSPMGSEQTRLDLEQLLT
METKLRLLELENVPIPERPPPVPPTNFCYDCSIAEP

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

ELMO3 engulfment and cell motility 3 [Homo sapiens]

Official Symbol

ELMO3

Synonyms

ELMO3; engulfment and cell motility 3; engulfment and cell motility 3 (ced 12 homolog, C. elegans); engulfment and cell motility protein 3; CED 12; CED12; ELMO 3; FLJ13824; ced-12 homolog 3; CED-12; ELMO-3;

Gene ID

79767

mRNA Refseq

NM_024712

Protein Refseq

NP_078988

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MIM	606422
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UniProt ID	Q96BJ8
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