Recombinant Mouse Elmo3 Protein, His-tagged

Cat. No. Elmo3-1422M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Elmo3 Protein (Lys455-Pro720) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Lys455-Pro720
Description	Predicted to enable SH3 domain binding activity. Predicted to be involved in actin filament organization and cell motility. Predicted to act upstream of or within apoptotic process and phagocytosis. Predicted to be located in cytoplasm. Is expressed in several structures, including alimentary system; brain; genitourinary system; nasal cavity epithelium; and skeleton. Orthologous to human ELMO3 (engulfment and cell motility 3).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 34.4 kDa Accurate Molecular Mass: 34 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	Elmo3 engulfment and cell motility 3, ced-12 homolog (C. elegans) [Mus musculus (house mouse)]
Official Symbol	Elmo3
Synonyms	ELMO3; engulfment and cell motility 3, ced-12 homolog (C. elegans); engulfment and cell motility protein 3; Ced12; BC058752; 9930107J06; KIAA0267; MGC67684;
Gene ID	234683
mRNA Refseq	NM_172760
Protein Refseq	NP_766348
UniProt ID	Q8BYZ7

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