

Recombinant Human ELMO1 Protein, His-tagged

Cat. No. ELMO1-1420H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ELMO1 Protein (Arg471-Asn727) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Arg471-Asn727
Description	This gene encodes a member of the engulfment and cell motility protein family. These proteins interact with dedicator of cytokinesis proteins to promote phagocytosis and cell migration. Increased expression of this gene and dedicator of cytokinesis 1 may promote glioma cell invasion, and single nucleotide polymorphisms in this gene may be associated with diabetic nephropathy. Alternative splicing results in multiple transcript variants.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 33.6 kDa Accurate Molecular Mass: 34 kDa
Purity	> 97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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	ELMO1 engulfment and cell motility 1 [Homo sapiens (human)]
Official Symbol	ELMO1
Synonyms	ELMO1; engulfment and cell motility 1; engulfment and cell motility 1 (ced 12 homolog, C. elegans); engulfment and cell motility protein 1; CED 12; CED12; ELMO 1; KIAA0281; ced-12 homolog 1; CED-12; ELMO-1; MGC126406;
Gene ID	9844
mRNA Refseq	NM_001039459
Protein Refseq	NP_001034548
MIM	606420
UniProt ID	Q92556

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