



# Human ELMO1 peptide (DAG-P0435)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	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. [provided by RefSeq, Aug 2013]
<b>Specificity</b>	Widely expressed, with a higher expression in the spleen and placenta.
<b>Purity</b>	70 - 90% by HPLC.
<b>Conjugate</b>	Unconjugated
<b>Sequence Similarities</b>	Contains 1 ELMO domain.Contains 1 PH domain.
<b>Format</b>	Liquid
<b>Preservative</b>	None
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">ELMO1 engulfment and cell motility 1 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	ELMO1
<b>Synonyms</b>	ELMO1; engulfment and cell motility 1; CED12; CED-12; ELMO-1; engulfment and cell motility protein 1; ced-12 homolog 1;

<b>Entrez Gene ID</b>	<a href="#">9844</a>
<b>mRNA Refseq</b>	<a href="#">NM_001039459.2</a>
<b>Protein Refseq</b>	<a href="#">NP_001034548.1</a>
<b>UniProt ID</b>	Q92556
<b>Chromosome Location</b>	7p14.1
<b>Pathway</b>	Bacterial invasion of epithelial cells, organism-specific biosystem; Bacterial invasion of epithelial cells, conserved biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem; Disease, organism-specific biosystem; Fcgamma receptor (FCGR) dependent phagocytosis, organism-specific biosystem; HIV Infection, organism-specific biosystem; Host Interactions of HIV factors, organism-specific biosystem; Immune System, organism-specific biosyst
<b>Function</b>	SH3 domain binding; protein binding;