# Recombinant Human ELMO2 Protein, GST-tagged

**Cat. No.** ELMO2-3253H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Human ELMO2 full-length ORF ( AAH00143, 1 a.a. - 632 a.a.) recombinant protein with GST-tag at N-terminal. |
| **Species** | Human |
| **Source** | Wheat Germ |
| **Description** | The protein encoded by this gene interacts with the dedicator of cyto-kinesis 1 protein. Similarity to a C. elegans protein suggests that this protein may function in phagocytosis of apoptotic cells and in cell migration. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2015] |
| **Molecular Mass** | 95.26 kDa |
| **AA Sequence** | MERTQSSNMETRLDAMKELAKLSADVTFATEFINMDGIIVLTRLVESGTKLLSHYSEM LAFTLTAFLELMDHGIVSWDMVSITFIKQIAGYVSQPMVDVSILQRSLAILESMVLNSQ SLYQKIAEEITVGQLISHLQVSNQEIQTYAIALINALFLKAPEDKRQDMANAFAQKHLR SIILNHVIRGNRPIKTEMAHQLYVLQVLTFNLLEERMMTKMDPNDQAQRDIIFELRRIA FDAESDPSNAPGSGTEKRKAMYTKDYKMLGFTNHINPAMDFTQTPPGMLALDNML YLAKVHQDTYIRIVLENSSREDKHECPFGRSAIELTKMLCEILQVGELPNEGRNDYHP MFFTHDRAFEELFGICIQLLNKTWKEMRATAEDFNKVMQVVREQITRALPSKPNSLD QFKSKLRSLSYSEILRLRQSERMSQDDFQSPPIVELREKIQPEILELIKQQRLNRLCEG SSFRKIGNRRRQERFWYCRLALNHKVLHYGDLDDNPQGEVTFESLQEKIPVADIKAI VTGKDCPHMKEKSALKQNKEVLELAFSILYDPDETLNFIAPNKYEYCIWIDGLSALLG |

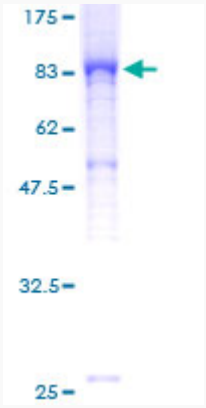
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| | KDMSSELTKSDLDTLLSMEMKLRLLDLENIQIPEAPPPIPKEPSSYDFVYHYG |
| **Applications** | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array |
| **Notes** | Best use within three months from the 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

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| **Gene Name** | ELMO2 engulfment and cell motility 2 [ Homo sapiens ] |
| **Official Symbol** | ELMO2 |
| **Synonyms** | ELMO2; engulfment and cell motility 2; engulfment and cell motility 2 (ced 12 homolog, C. elegans); engulfment and cell motility protein 2; CED 12; CED12; ELMO 2; FLJ11656; KIAA1834; hCed-12A; ced-12 homolog 2; PH domain protein CED12A; protein ced-12 homolog A; CED-12; ELMO-2; |
| **Gene ID** | 63916 |
| **mRNA Refseq** | NM_133171 |
| **Protein Refseq** | NP_573403 |
| **MIM** | 606421 |

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| **UniProt ID** | Q96JJ3 |
| **Quality Control Testing** | <br>12.5% SDS-PAGE Stained with Coomassie Blue. |

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