

Recombinant Human ELMO2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ELMO2-3838H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ELMO2 MS Standard C13 and N15-labeled recombinant protein (NP_877496) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	82.4 kDa
AA Sequence	MPPPSDIVKVAIEWPGANAQLLEIDQKRPLASIIKEVCDGWSLPNPEYYTLRYADGPQ LYITEQTRSDIKNGTILQLAISPSRAARQLMERTQSSNMETRLDAMKELAKLSADVTF ATEFINMDGIIVLTRLVESGTKLLSHYSEMLAFTLTAFLELMDHGIVSWDMVSITFIKQI AGYVSQPMVDVSILQRSLAILESMVLNSQSLYQKIAEEITVGQLISHLQVSNQEIQTYA IALINALFLKAPEDKRQDMANAFQKHLRSIILNHVIRGNRPKITEMAHQLYVLQVLTF NLLEERMMTKMDPNDQAQRDIIFELRRIAFAESDPSNAPGSGTEKRAKMYTKDYK MLGFTNHINPAMDFTQTPPGMLALDNMLYLAKVHQDTYIRIVLENSSREDKHECPFG RSAIELTKMLCEILQVGELPNEGRNDYHPMFFTHDRAFEELFGICIQLLNKTWKEMRA TAEDFNKVMQVVREQITRALPSKPNSLDQFKSKLRSLSYSEILRLRQSERMSQDDFQ

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SPPIVELREKIQPEILELIKQQRLNRLCEGSSFRKIGNRRRQERFWYCRLALNHKVLH
YGDLDNPNQGEVTFESLQEKIPVADIKAVTGKDCPHMKEKSALKQNKEVLELAFSIL
YDPDETLNFIAPNKYEYCIWIDGLSALLGKDMSELTKSDLDTLSSMEMKLRLLDLENI
QIPEAPPPIPKEPSSYDFVYHYGTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name ELMO2 engulfment and cell motility 2 [Homo sapiens (human)]

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_182764

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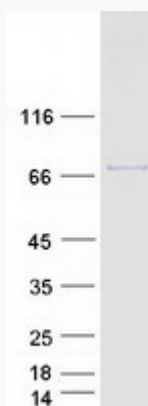
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Protein Refseq NP_877496

MIM 606421

UniProt ID Q96JJ3

SDS-PAGE



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