

Recombinant Mouse Elmo2 Protein, MYC/DDK-tagged

Cat. No. Elmo2-992M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse engulfment and cell motility 2 (Elmo2), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Involved in cytoskeletal rearrangements required for phagocytosis of apoptotic cells and cell motility. Acts in association with DOCK1 and CRK. Was initially proposed to be required in complex with DOCK1 to activate Rac Rho small GTPases. May enhance the guanine nucleotide exchange factor (GEF) activity of DOCK1.
Molecular Mass	83.9 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Elmo2 engulfment and cell motility 2 [Mus musculus (house mouse)]
Official Symbol	Elmo2
Synonyms	Elmo2; engulfment and cell motility 2; CED-12; 1190002F24Rik; engulfment and cell motility protein 2; CED-12 homolog A;
Gene ID	140579
mRNA Refseq	NM_207706
Protein Refseq	NP_997589
UniProt ID	Q8BHL5

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