

## Product datasheet for **TP506637**

### Elmo1 (BC031782) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse engulfment and cell motility 1, ced-12 homolog (C, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206637 representing BC031782 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MMTKMDPQDQAQRDIIFELRRIAFDAESEPNSSSGSMEKRKSMYTRDYKKLGFINHVNPAMDFTQTPPGM LALDNMLYFAKHHQDAYIRIVLENSREDKHECPFGRSSIELTKMLCEILKVGELPSETCNDFHPMFFTH DRSFEEFFCICIQLLNKTWKEMRATSEDFNKVMQVQVKEQVMRALTKPSSLDQFKSKLQNLSTYELKIR QSERMNQEDFQSRPILELKEKIQPEILELIKQQLNRLVEGTCFRKLNARRRQDKFWYCRSPNHKVLHY GDLEESPQGEVPHDSLQDKLPVADIKAVVTGKDCPHMKEKGALKQNKEVLELAFSILYDSNCQLNFIAPD KHEYCIWTDGLNALLGKDMMSDLTRNDLDTLLSMEIKLRLLDLENIQIPDAPPIPEPSNYDFVYDCN</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-MYC/DDK
Predicted MW:	93.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Locus ID:	140580
UniProt ID:	<a href="#">Q8BPU7</a>
RefSeq Size:	2540



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**Cytogenetics:** 13 A2

**RefSeq ORF:** 1257

**Synonyms:** CED-12, 6330578D22Rik

**Summary:** 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 (By similarity).[UniProtKB/Swiss-Prot Function]