

## Product datasheet for TP316889M

### ELMO2 (NM\_133171) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human engulfment and cell motility 2 (ELMO2), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC216889 representing NM_133171 Red=Cloning site Green=Tags(s)

MPPPSDIVKVAIEWPGANAQLEIDQKRPLASIIKEVCDGWSLPNPEYYTLRYADGPPQLYITEQTRSDIK  
NGTILQLAISPSRAARQLMERTQSSNMETRLDAMKELAKLSADVTFATEFINMDGIIVLTRLVESGTKLL  
SHYSEMLAFTLTAFLLEMDHGIVSWDMVSITFIKQIAGYVSQPMVDVSILQRSLAILESMVLNSQSPLYQK  
IAEETVGLQLISHLQVSNQEIQTYAIALINALFLKAPEDKRQDMANAFQKHLRSIILNHVIRGNRPIKT  
EMAHQLYVLQVLTFNLLERMMTKMDPNDQAQRDIIFELRRIAFDAESDPSNAPGSGTEKRKAMYTKDYK  
MLGFTNHINPAMDFTQTPPGMLALDNMLYLAKVHQDTYIRIVLENSSREDKHECPFGRSAIELTKMLCEI  
LQVGELPNEGRNDYHPMFFTHDRAFEELFGICIQLLNKTWKEMRATAEDFNKVMQVVREQITRALPSKPN  
SLDQFKSKLRSLSYSEILRLRQSERMSQDDFQSPPIVELREKIQPEILELIKQQLNRLCEGSSFRKIGN  
RRRQERFWYCRLALNHKVLHYGDLDDNPQGEVTFESLQEIPVADIKAVTGKDCPHMKEKSALKQNKEV  
LELAFSILYDPDETLNFIAPNKYEYCIWIDGLSALLGKDMSELTKSDLDTLLSMEMKLRLLDLENIQIP  
EAPPPIPKEPSSYDFVYHYG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

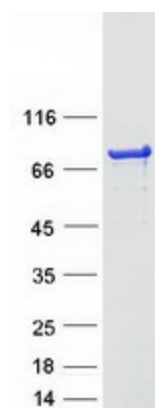
Tag:	C-Myc/DDK
Predicted MW:	82.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_573403</a>
Locus ID:	63916
UniProt ID:	<a href="#">Q96JJ3</a>
RefSeq Size:	3722
Cytogenetics:	20q13.12
RefSeq ORF:	2160
Synonyms:	CED-12; Ced-12A; CED12; ELMO-2; VMPI
Summary:	The protein encoded by this gene interacts with the dedicator of cyto-kinesis 1 protein. Similarity to a <i>C. elegans</i> 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]

### Product images:



Coomassie blue staining of purified ELMO2 protein (Cat# [TP316889]). The protein was produced from HEK293T cells transfected with ELMO2 cDNA clone (Cat# [RC216889]) using MegaTran 2.0 (Cat# [TT210002]).