

## Product datasheet for TP511591

### Emilin2 (NM\_145158) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse elastin microfibril interfacier 2 (Emilin2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR211591 representing NM_145158 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MCQETPPRPRAPSRWTPALLALLALGGAGLCHASSQPGYHARPSARNKNWCAYIVNKNVSVCTVQEGSESI  
 IQAQYNCPWNQMPGPSALVYRVNFRPRFVTRYKIVTQLEWRCCPGFRGPDCQEGPKDHMKTPRPPSARPK  
 NNLKATDTPSQVSQPKKTLSPNAVEPGQVADAKQGPPELQSKVQVLEEKVRLTRMVLDLQSTVVG  
 LKENLKHTIQDDGRKEPDSWLGPLHPQPTPDSPLAGDAEPSQLPGIPSSKESGMKDIKSELAEVKDTLKT  
 KSDKLEELDGVKGYEGQLKQLQEAQGPVTMTTNELYQAYVDSKIDALREELMEGMDRKLADLKNKTC  
 YKLVGLQQCDDYGSSYLGVIELIGEKEASLKKDIADLRAQLQDPVAQPSCCNGQKSSDFGPPQIKALDQK  
 IERVAEATRMLNRLDNEFDRLSVPEPADFDARWTELDARINVTEKNAEEHC FYIETLRGTINGEVDD  
 LRKLLNEKIHSLEDRLGIVLQAANSSDVELTPMGPALPEQPGAENEQVLMELSRLKDKVQVVEDFCLQSL  
 PHGIDGALPSVEDLTHVSLLESNDTMHRQFQETSHSIQKLQEDVNALHSQNLHSECTGYLQNGVSD  
 SRTGDSMEASGFTKTGEQRTVGTVPSPGTPAAPCCGQLEERWQKLQNLMAELDTCKESAHGVSQSGVSA  
 IEGRVFQLEQTCRRLDTISGSLQRIKEGLGKHVGSWNCIRQMNGTLKSHSRDISGLKNSVQQFYSHVFQ  
 ISTDLQDLVKFQPSATEEPSEATEGPSGKTPLESTRPSEEAPTEPPRLTLPEDPAGPPQTGQQPVLVQR  
 PLQPPPLPAWPGRGLPFLPGSSGVIMETGEAGPPGRMGVSGRGLPRGVDGQMGQGPIHSSEGYAGAPGY  
 PKSPVTTGVPVPLTLVSFSAGLTQKPFPSDGGVFLFNKVLVNDGDVYNPNTGIFTAPYDGRYLITATLT  
 PERDITYEAVLSVSNASVAQLHTAGYRREFLEYHRPPGAVHTCGGPGAFHLIVHLKAGDGVNWWVTGGRL  
 AHTDFDEMSTYFSGVFLYPLSHL

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	117.8 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



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<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C after receiving vials.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_660140</a>
<b>Locus ID:</b>	246707
<b>UniProt ID:</b>	<a href="#">Q8K482</a> , <a href="#">Q3U1J9</a>
<b>RefSeq Size:</b>	3910
<b>Cytogenetics:</b>	17 E1.3
<b>RefSeq ORF:</b>	3222
<b>Synonyms:</b>	FOAP-10
<b>Summary:</b>	May be responsible for anchoring smooth muscle cells to elastic fibers, and may be involved not only in the formation of the elastic fiber, but also in the processes that regulate vessel assembly. Has cell adhesive capacity. Major component of the cochlear basilar membrane (BM) which may contribute to the developmental assembly or function of the BM.[UniProtKB/Swiss-Prot Function]