

## Product datasheet for TP522171

### Actn2 (NM\_033268) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse actinin alpha 2 (Actn2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR222171 protein sequence Red=Cloning site Green=Tags(s)

MNQIEPGVQYNYVYDEDEYMIQEEEWDRDLLLDPAWEKQQRKTFTAWCNSHLRKAGTQIENIEEDFRNGL  
KMLLLEVISGERLPKPDRGKMRFHKIANVNKALDYIASKGVKLVSIGAEIVDGNVKMTLGMWITILR  
FAIQDISVEETSAKEGLLLWCQRKTAPYRNVNIQNFHTSWKDGLGLCARIHRHRPDLIDYSKLNKDDPIG  
NINLAMEIEAEKHLDPKMLDAEDIVNTPKPKDERAIMTYVSCFYHAFAGAEQAETAANRICKVLAVNQENE  
RLMEEYERLASELLEWIRRTIPWLENRTPEKTMQAMQKKLEDFRDYRRKHKPPKVQEKQLEINFNTLQT  
KLRISNRPAFMPSEGKMOVSDIAGAWQRLEQAEKGYEEWLLNEIRRLERLEHLAEKFRQKASTHETWAYGK  
EQILLQKDYESATLTEVRALLRRHEAFESDLAAHQDRVEQIAAIAQELNELDYHDAVNVNDRQCIECDQW  
DRLGTLTQKRREALERTEKLETTIDQLHLEFAKRAAPFNNWMEGAMEDLQNMFIHVSIEEIQSLITAEHQ  
FKATLPEADGERQSILAIQNEVEKVIQSYSIRISSSNPYSTVTMDELRNKWDKVKQLVQVPRDQSLQEELA  
RQHANERLRRQFAAQANAIGPWIQNKMEEIARSSIQITGALEDQMNQLKQYEHNIINYKNNIDKLEGDHQ  
LIQEALVFDNKHTNYTMEHIRVGVWELLTTIARTINEVETQILTRDAKGITQEQMNEFRASFNHFDRRKN  
GLMDHEDFRACLISMGYDLGAEAFARIMTLVDPNGQGTVTFQSFIDFMTRETADTDTAEQVIASFRILAS  
DKPYILAEELRRELPPDQAQYCIKRMPPYSGPGSVPGALDYTAFSSALYGESDL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

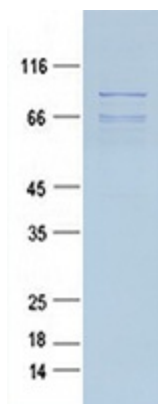
Tag:	C-MYC/DDK
Predicted MW:	103.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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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.
RefSeq:	<a href="#">NP_150371</a>
Locus ID:	11472
UniProt ID:	<a href="#">Q9J191</a> , <a href="#">Q5FW75</a>
RefSeq Size:	3091
Cytogenetics:	13 4.54 cM
RefSeq ORF:	2685
Synonyms:	1110008F24Rik
Summary:	F-actin cross-linking protein which is thought to anchor actin to a variety of intracellular structures. This is a bundling protein (By similarity).[UniProtKB/Swiss-Prot Function]

### Product images:



Purified recombinant protein Actn2 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.