

Product datasheet for TP511081

Actn1 (NM_134156) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse actinin, alpha 1 (Actn1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR211081 representing NM_134156 Red =Cloning site Green =Tags(s)
	MDHYDSQQTNDYMQPEEDWDRDLLLDPAAWEKQQRKTFTAWCNSHLRKGAGTQIENIEEDFRDGLKLMLLLE VISGERLAKPERGKMRVHKISNVNKALDFIASKGVKLVSIGAAEIVDGNVKMTLGMWITILRFIAIQDIS VEETSAKEGLLLWCQRKTAPYKNVNIQNFHISWKDGLGFCALHRHRPELIDYGKLRKDDPLTNLNTAFD VAERFLDIPKMLDAEDIVGTARPDEKAIMTYVSSFYHAFSGAQKAETAANRICKVLAVNQENEQLMEDYE KLASDLLEWIRRTIPWLENRVPENTMHAMQQKLEDFRDYRRLHKPPKVQEKQCLEINFNTLQTKLRLSNR PAFMPSEGRMVS DINNAWGCLEQAEGYEEWLLNEIRRLERLDHLAEKFRQKASIHEAWTDGKEAMLRQK DYETATLSEIKALLKKHEAFESDLAAHQDRVEQIAAIAQELNELDYDPSV NARCQKICDQWDNLGALT QKRREALERTEKLETTIDQLYLEYAKRAAPFNWMEGAMEDLQDTFIVHTIEEIQGLTTAHEQFKATLPD ADKERLAILGIHNEVSKIVQTYHVN MAGTNPYTTITPQEINGKWDHVRQLVPRRDQALTEEHARQQHNER LRKQFGAQANVIGPWIQTKMEEIGRISIEMHGTLEDQLSHLRQYEKSIVNYKPKIDQLECDHQLIQEALI FDNKHTNYNMEHIRVGWEQLLTTIARTINEVENQILTRDAKGISQEQMNEFRASFNHFDRDHSGLTGP FKACLISLGYDIGNDPQGEAEFARIMSIVDPNRLGVVTFQAFIDFMSRETADTDTADQVMASFKILAGDK NYITEDELRRLEPPDQA EYCIARMAPYAGPDSVPGALDYMSFSTALYGESDL
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	103.5 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:	<u>NP_598917</u>
Locus ID:	109711
UniProt ID:	<u>Q7TPR4</u>
RefSeq Size:	3705
Cytogenetics:	12 36.49 cM
RefSeq ORF:	2676
Synonyms:	3110023F10Rik; Actn1a
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]