

OriGene Technologies, Inc.

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Product datasheet for TP525133

Actb (NM_007393) Mouse Recombinant Protein

Product data:

Product Type:Recombinant ProteinsDescription:Purified recombinant protein of Mouse actin, beta (Actb), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ugSpecies:MouseExpression Host:HEK293TExpression cDM>MR225133 protein sequenceClone or AA Sequence:Red-Cloning site Green-Tags(s)MDDDIAAL/VDNGSGMCKAGFAGDDAPRAVFPSIVGRPRHQGVMVGMGQKDSYVGDEAQSKRGILTLKYP IEHGIVTNWDDMEKIWHHTFVNELRVAPEEHPVLLTEAPLNPKANREKMTQIMFETFNTPAMTVAIQAVL SLYASGRTTGIVMDSGDGVTHTVPIEGYALPHAILRDLAGRDLTDVLMKILTERGYSFTTTAEREIVR DIKEKLCYVALDFEQEMATAASSSSLEKSYELPDGQVTIGNERFRCPEALPQPSFLGMESCGIHETTFN SIMKCDVDINSGGDVGTHTVPIEGYALPHAILRDLAGRDLTDVLMKILTERGYSFTTTAEREIVR DIKEKLCYVALDFEQEMATAASSSSLEKSYELPDGQVTIGNERFRCPEALPQPSFLGMESCGIHETTFN SIMKCDVDINSGGDGVTHTVPIEGYALPHAILRDLAGRDLTDVLMKILTERGYSFTTTAEREIVR DIKEKLCYVALDFEQEMATAASSSSLEKSYELPDGQVTIGNERFRCPEALPQPSFLGMESCGIHETTFN SIMKCDVDINSGGDGVTHTVPIEGYALPHAILRDLAGRDLTDVLMKILTERGYSFTTAEREIVR DIKEKLCYVALDFEQEMATAASSSSLEKSYELPDGQVTIGNERFRCPEALPQPSFLGMESCGIHETTFN SIMKCDVDNKSQEYDESGPSIVHRKCFTag:C-MYC/DDKTag:C-MYC/DDKPredicted MW:41.7 kDaAus a determined by microplate BCA methodPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM Tris-HCI, 100 mM glycine, pH 7.3, 10% glycerolNote:For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.Storage:Sable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.RefSeq:NP_031419Locus ID:1461 </th <th>Product data:</th> <th></th>	Product data:	
expressed in HEK293T cells, 20ugSpecies:MouseExpression Host:HEK293TExpression cDNAMR225133 protein sequenceClone or AA Sequence:MDDDIAALVVDNGSGMCKAGFAGDDAPRAVFPSIVGRPRHQGVMVGMGQKDSYVGDEAQSKRGILTLKYPRed=Cloning site Green=Tags(s)MDDDIAALVVDNGSGMCKAGFAGDDAPRAVFPSIVGRPRHQGVMVGMGQKDSYVGDEAQSKRGILTLKYPDIAEKLCYALDFEQEMATAASSSSLEKSYELPDGQVITIGNRERRCPEALFQPSFLGMESCGIHETTFNMDDIAALVVDNGSGMCKAGFAGDDAPRAVFPSIVGRPRHQGKDKYGMGQKDSYVGDEAQSKRGILTLKYPREGMDDDIAALVVDNGSGMCKAGFAGDDAPRAVFPSIVGRPRHQGVMVGMGQKDSYVGDEAQSKRGILTLKYPJUKEKLCYALDFEQEMATAASSSSLEKSYELPDGQVITIGNRERRCPEALFQPSFLGMESCGIHETTFNJIKEKLCYALDFEQEMATAASSSSLEKSYELPDGQVITIGNRERRCPEALFQSFLGMESCGIHETTFNJIKEKLCYALDFEQEMATAASSSSLEKSYELPDGQVITIGNRERRCPEALFQSFLGMESCGIHETTFNJIKEKLCYALDFEQEMATAASSSLEKSYELPDGQVITIGNRERCPEALFQSFLGMESCGIHETTFNJIKEKLCYALDFEQEMATAASSSLEKSYELPDGQVITIGNRERCPEALFQSFLGMESCGIHETTFNJIKEKLCYALDFEQEMATAASSSLEKSYELPDGQVITIGNRERCPEALFQSFLGMESCGIHETTFNJIKEKLCYALDFEQEMATAASSSLEKSYELPDGQVITIGNRERCPEALFQSFLGMESCGIHETTFNJIKEKLCYALDFEQEMATAASSSLEKSYELPDGQVITIGNRERCPEALFQSFLGMESCGIHETTFNJIKEKLCYALDFEQEMATAASSSLEKSYELPDGQVITIGNRERCPEALFQSFLGMESCGIHETTFNJIKEKLCYALDFEQEMATAASSSLEKSYELPDGQVITIGNRERCPEALFQSTMKKIKIAPPERKYSWIGGSILASLSPredicted MW:4.7xbaConcentration:0.05 µg/µL as determined by microplate BCA methodPurity:2.5m distermined by SDS-PAGE and Coomassie blue stainingBuffer:2.5m MTis-HCI, 100 mM glycine, pH 7.3, 10% glycerolNote:Some of protein during the filtration process.Storage:Stabinite:Stability:M	Product Type:	Recombinant Proteins
Expression Host:HEK293TExpression cDNA>MR225133 protein sequence Red=Cloning site Green=Tags(s)Clone or AA SequeceMDDDIAALVVDNGSGMCKAGFAGDDAPRAVFPSIVGRPRHQGVMVGMGQKDSYVGDEAQSKRGILTLKYP IEHGIVTNWDDMEKIWHHTFYNELRVAPEEHPVLLTEAPLNPKANREKMTQIMFETFNTPAMYVAIQAVL SLYASGRTTGIVMDSGDGVTHTVPIYEGYALPHAILRLDLAGRDLTDYLMKILTERGYSFTTTAEREINR DIKEKLCYVALDFEQEMATAASSSSLEKSYELPDGQVITIGNERFRCPEALFQPSFLGMESCGIHETTFN SIMKCDVDIRKDLYANTVLSGGTTMYPGIADRMQKEITALAPSTMKIKIIAPPERKYSVWIGGSILASLS TRUPLEQKLISEEDLAANDILDYKDDDDKVTag:C-MYC/DDKPredicted MW:41.7 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM Tris-HCI, 100 mM glycine, pH 7.3, 10% glycerolNote:Storage:Storage:Stole for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.RefSeq:MP 031419Locus ID:11461	Description:	
Expression cDNA Conce or AA Sequence Red=Cloning site Green=Tags(s)MDDDIAALVVDNGSGMCKAGFAGDDAPRAVFPSIVGRPRHQGVMVGMGQKDSYVGDEAQSKRGILTLKVP IEHGVTNWDDMEKIWHHTYPNELRVAPEEHPVLLTEAPLNPKANREKMTQIMFETFNTPAMVVAIQAVL SLVASGRTTGIVMDSGDGVTHTVPIYEGYALPHAILRDLAGRDLTDVLMKLITERGYSFTTAEREIVR DIKEKLCYVALDFEQEMATAASSSSLEKSYELPDGQVITIGNERFRCPEALFQPSFLGMESCGHETTFN SIMKCDDDIRKDLYANTVLSGGTTMYPGIADRMQKEITALAPSTMKIKIIAPPERKYSWIGGSILASLS TFQQMWISKQEYDESGPSIVHRKCFTarrTRTRPLEQKLISEEDLAANDILDYKDDDDKVPredicted MW:41.7 kDaConcentration:0.05 µg/µL as determined by microplate BCA methodPurity:0.405 µg/µL as determined by microplate BCA methodPurity:0.50 mg/micro, plasse filter before use. Note that you may experience some loss of protein during the filtration process.Storage:0.50 reat-silt receiving vials.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:NP 031119Locus ID:11461	Species:	Mouse
Cione or AA Sequence:Red=Cloning site Green=Tags(s)WDDDIAALVVDNGSGMCKAGFAGDDAPRAVFPSIVGRPRHQGVMVGMGQKDSYVGDEAQSKRGILTLKYP IEHGIVTNWDDMEKIWHHTFYNELRVAPEEHPVLLTEAPLNPKANREKMTQIMFETFNTPAMYVAIQAVL SLVASGRTTGIVMDSGDGVTHTVPIYEGYALPHAILRLDLAGRDLTDYLMKLITERGYSFTTTAEREIVR DIKEKLCYVALDFEQEMATAASSSSLEKSYELPDGQVITIGNERFRCPEALFQPSFLGMESCGIHETTFN SIMKCDVDIRKDLYANTVLSGGTTMYPGIADRMQKEITALAPSTMKIKIIAPPERKYSVWIGGSILASLS TFQQMWISKQEYDESGPSIVHRKCFTag:C-MYC/DDKPredicted MW:41.7 kDaConcentration:>00.5 µg/µL as determined by microplate BCA methodPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM Tris-HCI, 100 mM glycine, pH 7.3, 10% glycerolNote:For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.Storage:Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.RefSeq:NP_031419Locus ID:11461	Expression Host:	HEK293T
IEHGIVTNWDDMEKIWHHTFYNELRVAPEEHPVLLTEAPLNPKANREKMTQIMFETFNTPAMYVAIQAVL SLYASGRTTGIVMDSGDGVTHTVPIYEGYALPHAILRLDLAGRDLTDYLMKILTERGYSFTTTAEREIVR DIKEKLCYVALDFEQEMATAASSSSLEKSYELPDGQVITIGNERFRCPEALFQPSFLGMESCGHETTFN SIMKCDVDIRKDLYANTVLSGGTTMYPGIADRMQKEITALAPSTMKIKIIAPPERKYSVWIGGSILASLS TFQQMWISKQEYDESGPSIVHRKCFTag:CTag:C-MYC/DDKPredicted MW:41.7 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:0.05 µg/µL as determined by SDS-PAGE and Coomassie blue stainingSorrage:Sorr at -80°C after receiving vials.Storage:Storage in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.Storage:Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.RefSeq:NP 031419Locus ID:11461	•	
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conditions. Avoid repeated freeze-thaw cycles.RefSeq:NP 031419Locus ID:11461	Storage:	Store at -80°C after receiving vials.
Locus ID: 11461	Stability:	
	RefSeq:	<u>NP 031419</u>
UniProt ID: <u>P60710</u> , <u>B2RRX1</u>	Locus ID:	11461
	UniProt ID:	<u>P60710, B2RRX1</u>



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	Actb (NM_007393) Mouse Recombinant Protein – TP525133
RefSeq Size:	1889
Cytogenetics:	5 81.8 cM
RefSeq ORF:	1128
Synonyms:	Act; Actx; beta-a; beta-actin; E430023M04Rik
Summary:	This gene encodes a member of the actin family of proteins. Actins are highly conserved proteins that are among the most abundant proteins in eukaryotic cells and are involved in cell motility, structure, and integrity. Localization, stability, and translation of the transcribed mRNA are regulated through the binding of multiple factors to its 3' UTR sequence. Homozygous knockout mice for this gene exhibit embryonic lethality. Numerous pseudogenes of this gene have been identified in the mouse genome. [provided by RefSeq, Sep 2015]

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