

Product datasheet for TP506628

Actr3b (NM_001004365) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ARP3 actin-related protein 3B (Actr3b), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206628 protein sequence Red =Cloning site Green =Tags(s)

MAGSLPPCVDCGTGYTKLGYAGNTEPQFIIPSCIAIRESAKVWDQAQRRVLRGVDDLDFFIGDEAIDKP
TYATKWPIRHGIVEDWDLMERFMEQVVKYLRAEPEDHYFLMTEPPLNTPENREYLAEIMFESFNVPGLY
IAVQAVLALAASWTSRQVGERLTGTGVIDSGDGVTHVIPVAEGYVIGSCIKHIPIAGRDIYFIQQLLRE
REVGIPPEQSLETAKAIKEKYCYICPDIVREFAKYDVDPRKWIKQYTGINAINQKKFIIDVGYERFLGPE
IFFHPEFANPDFMESISDVVDEVIQSCPIDVRRPLYKNVLSGGSTMFRDFGRRLQRDLKRVVDARLKLS
QELSGGRIKPKPVEVQVWTHHMQRVAVWFGGSMLASTPEFFQVCHTKKDYEEYGPSICRHNPFVFGVMS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	47.6 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.
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_001004365
Locus ID:	242894
UniProt ID:	Q641P0



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RefSeq Size: 1734

Cytogenetics: 5 B1

RefSeq ORF: 1257

Synonyms: 9630005C02; Arp3b; Arp3beta; ARP11; AW047569

Summary: Plays a role in the organization of the actin cytoskeleton. May function as ATP-binding component of the Arp2/3 complex which is involved in regulation of actin polymerization and together with an activating nucleation-promoting factor (NPF) mediates the formation of branched actin networks. May decrease the metastatic potential of tumors (By similarity). [UniProtKB/Swiss-Prot Function]