

## Product datasheet for TP302148M

### ACTR3B (NM\_020445) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ARP3 actin-related protein 3 homolog B (yeast) (ACTR3B), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202148 protein sequence Red=Cloning site Green=Tags(s)

MAGSLPPCVWDCGTGYTKLGYAGNTEPQFIIPSCIAIRESAKVVDQAQRRVLRGVDDLDFFIGDEAIDKP  
 TYATKWPIRHGIIEDWDLMERFMEQVVFYKYLRAEPEDHYFLMTEPPLNTPENREYLAEIFESFNVPGLY  
 IAVQAVLALAASWTSRQVGERTLTGIVIDSGDGVTHVIPVAEGYVIGSCIKHIPIAGRDIYFIQQLLRE  
 REVGIPPEQSLETAKAIKEKYCYICPDIVKEFAKYDVDPRKWIKQYTGINAINQKKFVIDVGYERFLGPE  
 IFFHPEFANPDFMESISDVVDEVIQNCPIDVRRPLYKNVVLSSGGSTMFRDFGRRLQRDLKRVDARLRLS  
 EELSGGRIPKPKPEVQVWTHHMQRVAVWFGGSMMLASTPEFFQVCHTKKDYEEYGPSICRHNPFVFGVMS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	47.4 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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_065178</a>



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Locus ID:	57180
UniProt ID:	<a href="#">Q9P1U1</a> , <a href="#">Q59GD5</a>
RefSeq Size:	2223
Cytogenetics:	7q36.1-q36.2
RefSeq ORF:	1254
Synonyms:	ARP3BETA; ARP11
Summary:	This gene encodes a member of the actin-related proteins (ARP), which form multiprotein complexes and share 35-55% amino acid identity with conventional actin. The protein encoded by this gene may have a regulatory role in the actin cytoskeleton and induce cell-shape change and motility. Pseudogenes of this gene are located on chromosomes 2, 4, 10, 16, 22 and Y. Alternative splicing results in multiple transcript variants and protein isoforms. [provided by RefSeq, Jul 2012]

### Product images:



Coomassie blue staining of purified ACTR3B protein (Cat# [TP302148]). The protein was produced from HEK293T cells transfected with ACTR3B cDNA clone (Cat# [RC202148]) using MegaTran 2.0 (Cat# [TT210002]).