

# Recombinant Human ACTR3B Protein, MYC/DDK-tagged, C13 and N15-labeled

**Cat. No.** ACTR3B-342H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	ACTR3B MS Standard C13 and N15-labeled recombinant protein (NP_065178) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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]
<b>Molecular Mass</b>	47.6 kDa
<b>AA Sequence</b>	MAGSLPPCVVDCGTGYTKLGYAGNTEPQFIIPSCIAIRESAKVVDQAQRRVLRGVDD LDFFIGDEAIDKPTYATKWPIRHGIIEDDWLMEFMEQVVFYKYLRAEPEDHYFLMTEP PLNTPENREYLAEIMFESFNVPGLYIAVQAVLALAASWTSRQVGERTLTGIVIDSGDG VTHVIPVAEGYVIGSCIKHIPIAGRDIITYFIQQLLREREVGPPEQSLETAKAIKEKCYI CPDIVKEFAKYDVPDKWIKQYTGINAINQKFFVIDVGYERFLGPEIFFHPEFANPDF MESISDVVDEVIQNCPIDVRRPLYKNVVLSSGGSTMFRDFGRRLQRDLKRVVDARLRL SEELSGGRIKPKPVEVQVVTHHMQRVAVWFGGSMLASTPEFFQVCHTKKDYEEYG

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

PSICRHNPVFGVMSTRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Stability** Stable for 3 months from receipt of products under proper storage and handling conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** [ACTR3B ARP3 actin-related protein 3 homolog B \(yeast\) \[ Homo sapiens \(human\) \]](#)

**Official Symbol** [ACTR3B](#)

**Synonyms** ACTR3B; ARP3 actin-related protein 3 homolog B (yeast); actin-related protein 3B; ARP3beta; ARP11; ARP3-beta; actin-like protein 3B; actin-related protein ARP4; actin-related protein Arp11; actin-related protein 3-beta; ARP3BETA; DKFZp686O24114;

**Gene ID** [57180](#)

**mRNA Refseq** [NM\\_020445](#)

**Protein Refseq** [NP\\_065178](#)

**UniProt ID** [Q9P1U1](#)

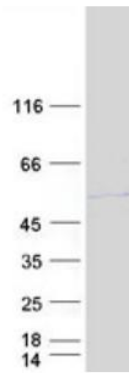
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SDS-PAGE



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