

Product datasheet for TP302148

OriGene Technologies, Inc.

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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, 20 µg

Species: Human
Expression Host: HEK293T

Expression cDNA Clone >RC202148 protein sequence or AA Sequence: Red=Cloning site Green=Tags(s)

MAGSLPPCVVDCGTGYTKLGYAGNTEPQFIIPSCIAIRESAKVVDQAQRRVLRGVDDLDFFIGDEAIDKP TYATKWPIRHGIIEDWDLMERFMEQVVFKYLRAEPEDHYFLMTEPPLNTPENREYLAEIMFESFNVPGLY IAVQAVLALAASWTSRQVGERTLTGIVIDSGDGVTHVIPVAEGYVIGSCIKHIPIAGRDITYFIQQLLRE REVGIPPEQSLETAKAIKEKYCYICPDIVKEFAKYDVDPRKWIKQYTGINAINQKKFVIDVGYERFLGPE IFFHPEFANPDFMESISDVVDEVIQNCPIDVRRPLYKNVVLSGGSTMFRDFGRRLQRDLKRVVDARLRLS EELSGGRIKPKPVEVQVVTHHMQRYAVWFGGSMLASTPEFFQVCHTKKDYEEYGPSICRHNPVFGVMS

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: NP 065178



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Locus ID: 57180

UniProt ID: Q9P1U1, Q59GD5

RefSeq Size: 2223

Cytogenetics: 7q36.1-q36.2

RefSeq ORF: 1254

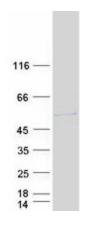
Synonyms: ARP3BETA; ARP11

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 cellshape 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]).