

## **Product datasheet for PH302148**

### OriGene Technologies, Inc.

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## ACTR3B (NM 020445) Human Mass Spec Standard

**Product data:** 

**Product Type:** Mass Spec Standards

**Description:** ACTR3B MS Standard C13 and N15-labeled recombinant protein (NP\_065178)

Species: Human **HEK293 Expression Host: Expression cDNA Clone** 

or AA Sequence:

RC202148

Predicted MW: 47.6 kDa

>RC202148 protein sequence **Protein Sequence:** 

Red=Cloning site Green=Tags(s)

MAGSLPPCVVDCGTGYTKLGYAGNTEPOFIIPSCIAIRESAKVVDQAQRRVLRGVDDLDFFIGDEAIDKP TYATKWPIRHGIIEDWDLMERFMEQVVFKYLRAEPEDHYFLMTEPPLNTPENREYLAEIMFESFNVPGLY IAVQAVLALAASWTSRQVGERTLTGIVIDSGDGVTHVIPVAEGYVIGSCIKHIPIAGRDITYFIQQLLRE REVGIPPEQSLETAKAIKEKYCYICPDIVKEFAKYDVDPRKWIKQYTGINAINQKKFVIDVGYERFLGPE IFFHPEFANPDFMESISDVVDEVIQNCPIDVRRPLYKNVVLSGGSTMFRDFGRRLQRDLKRVVDARLRLS EELSGGRIKPKPVEVQVVTHHMQRYAVWFGGSMLASTPEFFQVCHTKKDYEEYGPSICRHNPVFGVMS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

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

>0.05 µg/µL as determined by microplate BCA method **Concentration:** 

**Labeling Method:** Labeled with [U-13C6, 15N4]-L-Arginine and [U-13C6, 15N2]-L-Lysine

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

Storage: Store at -80°C. Avoid repeated freeze-thaw cycles.

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

RefSeq: NP 065178

RefSeg Size: 2223 RefSeq ORF: 1254

Synonyms: ARP3BETA; ARP11

Locus ID: 57180



### ACTR3B (NM\_020445) Human Mass Spec Standard - PH302148

UniProt ID: Q9P1U1, Q59GD5

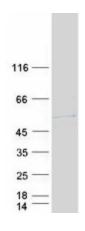
**Cytogenetics:** 7q36.1-q36.2

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]).