

# Recombinant Full Length Human ACTR3B Protein, GST-tagged

**Cat. No.** ACTR3B-857HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human ACTR3B full-length ORF ( NP_065178.1, 1 a.a. - 418 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>ProteinLength</b>    | 418 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <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>   | 74 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>AA Sequence</b>      | MAGSLPPCVV DCGTGYTKLG YAGNTEPQFI IPSCIAIRES AKVVDQAQRR<br>VLRGVDDLDF FIGDEAIDKP TYATKWPIRH GIIEDWDLME RFMEQVVFKY<br>LRAEPEDHYF LMTEPPLNTP ENREYLAEIM FESFNVPGLY IAVQAVLALA<br>ASWTSRQVGE RTLTGIVIDS GDGVTHVIPV AEGYVIGSCI KHIPIAGRDI<br>TYFIQQLLRE REVGIPPEQS LETAKAIKEK YCYICPDIVK EFAKYDVDPR<br>KWIKQYTGIN AINQKKFVID VGYERFLGPE IFFHPEFANP DFMESISDVV<br>DEVIQNCPID VRRPLYKNV LSGGSTMFRD FGRRLQRDLK RVVDARLRLS                                                                              |

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EELSGGRIKP KPVEVQVVTH HMQRYAVWFG GSMLASTPEF FQVCHTKKDY  
EEYGPSICRH NPVFGVMS

**Applications**

Enzyme-linked Immunoabsorbent Assay  
Western Blot (Recombinant protein)  
Antibody Production  
Protein Array

**Storage**

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer**

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

**Gene Name**

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

**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\\_001040135](#)

**Protein Refseq**

[NP\\_001035225](#)

**UniProt ID**

[Q9P1U1](#)

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