

## Recombinant Human ACTR3B Protein, His-tagged

**Cat. No.** ACTR3B-151H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human actin related protein 3B(ACTR3B), transcript variant 1(NM_020445), with a His tag, was expressed in human cells.                                                                                                                                                                                                                                                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Source</b>           | Human Cells                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <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. |
| <b>Form</b>             | Purified protein formulated in a sterile solution of TBS buffer, pH7.22, without any preservatives.                                                                                                                                                                                                                                                                                                                                                             |
| <b>Molecular Mass</b>   | 47.4 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Endotoxin</b>        | Endotoxin level is < 0.1 ng/g of protein (<1EU /g)                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Purity</b>           | >90% by SDS-PAGE gel and Coomassie Blue staining                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Applications</b>     | Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies.                                                                                                                                                                                                                                                                                                                                      |

 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

**GENE INFORMATION**

|                        |                                                                                                                                                                                                                                                       |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | ACTR3B ARP3 actin-related protein 3 homolog B (yeast) [ Homo sapiens ]                                                                                                                                                                                |
| <b>Official Symbol</b> | ACTR3B                                                                                                                                                                                                                                                |
| <b>Synonyms</b>        | 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; |
| <b>Gene ID</b>         | 57180                                                                                                                                                                                                                                                 |
| <b>mRNA Refseq</b>     | NM_001040135                                                                                                                                                                                                                                          |
| <b>Protein Refseq</b>  | NP_001035225                                                                                                                                                                                                                                          |
| <b>UniProt ID</b>      | Q9P1U1                                                                                                                                                                                                                                                |

 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