

Recombinant Human ACTR3B Protein, GST-tagged

Cat. No. ACTR3B-238H **Lot. No.** (See product label)

SPECIFICATION

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| Product Overview | Human ACTR3B full-length ORF (NP_065178.1, 1 a.a. - 418 a.a.) recombinant protein with GST-tag at N-terminal. |
| Species | Human |
| Source | Wheat Germ |
| Description | 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] |
| Molecular Mass | 74 kDa |
| AA Sequence | MAGSLPPCVVDCGTGYTKLGYAGNTEPQFIIPSCIAIRESAKVVDQAQRRVLRGVDD LDFFIGDEAIDKPTYATKWPIRHGIIEDDWLMEFMEQVVFKYLRAEPEDHYFLMTEP PLNTPENREYLAEIMFESFNVPGLYIAVQAVLALAASWTSRQVGERTLTGVIDSGDG VTHVIPVAEGYVIGSCIKHIPIAGRDITYFIQQLLREREVGPPEQSLETAKAIKEKCYI CPDIVKEFAKYDVPDPRKWIKQYTGINAINQKFFVIDVGYERFLGPEIFFHPEFANPDF MESISDVVDEVIQNCPIDVRRPLYKNVVLSGGSTMFRDFGRRLQRDLKRVVDARLRL SEELSGGRIKPKPVEVQVVTHHMQRVAVWFGGSMLASTPEFFQVCHTKKDYEEYG PSICRHNPVFGVMS |

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| Applications | Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array |
| Notes | Best use within three months from the date of receipt of this protein. |
| 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. |

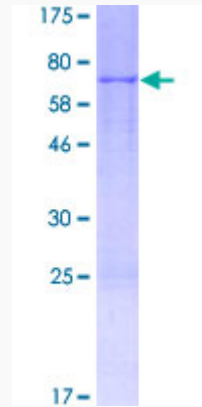
GENE INFORMATION

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|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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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12.5% SDS-PAGE Stained with Coomassie Blue.

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