

Recombinant Human ACTR3B Protein, GST-tagged

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

SPECIFICATION

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 LDFFIGDEAIDKPTYATKWPIRHGIIEDWDLMERFMEQVVFVKYLRAEPEDHYFLMTEP PLNTPENREYLAEIMFESFNVPGLYIAVQAVLALAASWTSRQVGERTLTGIVIDSGDG VTHVIPVAEGYVIGSCIHKHIPIAGRDITYFIQQLRERREVGIPPEQSLETAKAIKEKCYI CPDIVKEFAKYDVPDPRKWIKQYTGINAINQKKFVIDVGYERFLGPEIFFHPEFANPDF MESISDVVDEVIQNCPIDVRRPLYKNVVLSSGGSTMFRDFGRRLQRD LKRVVDARLRL SEELSGGRIKPKPVEVQVTHHMQRYAVWFGGSMLASTPEFFQVCHTKKDYEYEG PSICRHNPVFGVMS

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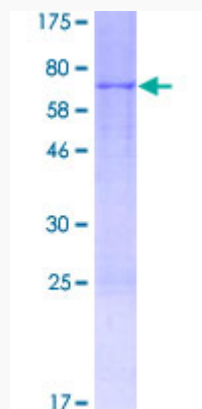
 45-1 Ramsey Road, Shirley, NY 11967, USA

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	
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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