

Recombinant Full Length Human ACTR3B Protein, GST-tagged

Cat. No. ACTR3B-857HF **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	In Vitro Cell Free System
ProteinLength	418 amino acids
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	MAGSLPPCVV DCGTGYTKLG YAGNTEPQFI IPSCIAIRES AKVVDQAQRR VLRGVDDLDF FIGDEAIDKP TYATKWPIRH GIIEDWDLME RFMEQVVFKY LRAEPEDHYF LMTEPPLNTP ENREYLAEIM FESFNVPGLY IAVQAVLALA ASWTSRQVGE RTLTGIVIDS GDGVTHVIPV AEGYVIGSCI KHIPIAGRDI TYFIQQLLRE REVGIPPEQS LETAKAIKEK YCYICPDIVK EFAKYDVDPR KWIKQYTGIN AINQKKFVID VGYERFLGPE IFFHPEFANP DFMESISDVV DEVIQNCPID VRRPLYKNVV LSGGSTMFRD FGRRLQRDLK RVVDARLRLS

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

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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