

Recombinant Full Length Human ACTR3 Protein, GST-tagged

Cat. No. ACTR3-856HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ACTR3 full-length ORF (AAH44590, 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	The specific function of this gene has not yet been determined; however, the protein it encodes is known to be a major constituent of the ARP2/3 complex. This complex is located at the cell surface and is essential to cell shape and motility through lamellipodial actin assembly and protrusion. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Mar 2013]
Molecular Mass	71.72 kDa
AA Sequence	MAGRLPACVV DCGTGYTKLG YAGNTEPQFI IPSCIAIKES AKVGDQAQRR VMKGVDDLDF FIGDEAIEKP TYATKWPIRH GIAEDWDLME RFMEQVIFKY LRAEPEDHYF LLTEPPLNTP ENREYTAEIM FESFNVPGLY IAVQAVLALA ASWTSRQVGE RTLTGTVIDS GDGVTHVIPV AEGYVIGSCI KHIPIAGRDI TYFIQQLLRD REVGIPPEQS LETAKAVKER YSYVCPDLVK EFNKYDTDGS KWIKQYTGIN AISKKEFSID VGYERFLGPE IFFHPEFANP DFTQPISEVV DEVIQNCPID VRRPLYKNIV LSGGSTMF RD FGRRRLQRDLK RTVDARLKLS EELSGGRLKP KPIDVQVITH HMQRYAVWFG GSMLASTPEF YQVCHTKKDY

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EEIGPSICRH 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

[ACTR3 ARP3 actin-related protein 3 homolog \(yeast\) \[Homo sapiens \]](#)

Official Symbol

[ACTR3](#)

Synonyms

ACTR3; ARP3 actin-related protein 3 homolog (yeast); ARP3 (actin related protein 3, yeast) homolog; actin-related protein 3; ARP3; actin-like protein 3

Gene ID

[10096](#)

mRNA Refseq

[NM_005721](#)

Protein Refseq

[NP_005712](#)

MIM

[604222](#)

UniProt ID

[P61158](#)

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