

# Recombinant Full Length Human ACTR3 Protein, GST-tagged

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

## SPECIFICATION

<b>Product Overview</b>	Human ACTR3 full-length ORF ( AAH44590, 1 a.a. - 418 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>Protein Length</b>	418 amino acids
<b>Description</b>	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]
<b>Molecular Mass</b>	71.72 kDa
<b>AA Sequence</b>	MAGRLPACVV DCGTGYTKLG YAGNTEPQFI IPSCIAIKES AKVGDQAQRR VMKGVDDLDF FIGDEAIEKP TYATKWPIRH GIAEDWDLME RFMEQVIFKY LRAEPEDHYF LLTEPPLNTP ENREYTAEM FESFNVPGLY IAVQAVLALA ASWTSRQVGE RLTGTVIDS GDGVTHVIPV AEGYVIGSCI KHIPIAGRDI TYFIQQLLRD REVGIPPEQS LETAKAVKER YSYVCPDLVK EFNKYDTDGS KWIKQYTGIN AISKKEFSID VGYERFLGPE IFFHPEFANP DFTQPSEVV DEVIQNCPID VRRPLYKNIV LSGGSTMFRD FGRRLQRDLK RTVDARLKLK 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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