

Recombinant Full Length Human ACTR2 Protein

Cat. No. ACTR2-06HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length protein corresponding to amino acids 1-394 of Human Arp2 with a propeitrary tag; predicted mwt: 69.08 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	394 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. Two transcript variants encoding different isoforms have been found for this gene.
Form	Liquid
Molecular Mass	69.080kDa
AA Sequence	MDSQGRKVVV CDNGTGFKVC GYAGSNFPEH IFPALVGRPI IRSTTKVGN EIKDLMVGDE ASELSTLEV NYPMENGIVR NWDDMKHLWD YTFGPEKLN DTRNCKILLT EPPMNPTKNR EKIVEVMFET YQFSGVYVAI QAVLTLYAQG LLTGVVVDSG DGVTHICPVY ESFSLPHLTR RLDIAGRDIT RYLIKLLLLR GYAFNHSADF ETVRMIKEKL CYVGYNIEQE QKLALETTVL VESYTLPDGR IIKVGGERFE APEALFQPHL INVEGVGVAE LLFNTIQAAD IDTRSEFYKH

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IVLSGGSTMY PGLPSRLERE LKQLYLERVL KGDVEKLSKF KIRIEDPPRR
KHMVFLGGAV LADIMKDKDN FWMTRQEYQE KGVRVLEKLG VTVR

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione. Note: Glutathione is reduced.

GENE INFORMATION

Gene Name ACTR2 ARP2 actin-related protein 2 homolog (yeast) [Homo sapiens]

Official Symbol ACTR2

Synonyms ACTR2; ARP2 actin-related protein 2 homolog (yeast); ARP2 (actin related protein 2, yeast) homolog; actin-related protein 2; ARP2

Gene ID 10097

mRNA Refseq NM_001005386

Protein Refseq NP_001005386

MIM 604221

UniProt ID P61160

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