

Recombinant Full Length Human ACTR3 Protein, C-Flag-tagged

Cat. No. ACTR3-1248HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human ACTR3 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	47.2 kDa
AA Sequence	MAGRLPACVVDCGTGYTKLGYAGNTEPQFIIPSCIAIKESAKVGDQAQRRVMKGVD DLDFFIGDEAIEKP TYATKWPIRHGIVEDWDLMERFMEQVIFKYLRAEPEDHYLLTE PPLNTPENREYTAEIFESFNVPGLY IAVQAVLALAASWTSRQVGERTLTGTVIDSG DGVTHVIPVAEGYVIGSCIKHIPIAGRDITYFIQQLLRD REVGIPPEQSLETAKAVKER YSYVCPDLVKEFNKYD TDGSKWIKQYTGINAISKKEFSIDVG YERFLGPE IFFHPEFA NPDFTQPISEVVDEVIQNCPIDVRRPLYKNIVLSSGGSTMFRDFGRRLQRDLKRTVDA RLKLS EELSGGRLKPKPIDVQVITHHMQR YAVWFGGSMLASTPEFYQVCHTKKDYE

 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

EIGPSICRHNPVFGVMSTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining.

Stability Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

Storage Store at -80 centigrade.

Concentration >50 ug/mL as determined by microplate BCA method.

Preparation Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Protein Families Druggable Genome

Full Length Full L.

GENE INFORMATION

Gene Name ACTR3 actin related protein 3 [Homo sapiens (human)]

Official Symbol ACTR3

Synonyms ARP3

Gene ID 10096

mRNA Refseq NM_005721.5

Protein Refseq NP_005712.1

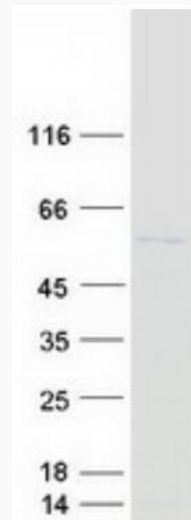
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MIM 604222

UniProt ID P61158



Coomassie blue staining of purified ACTR3 protein.

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