

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 DLDDFFIGDEAIEKP TYATKWPIRHGIVEDWDLMERFMEQVIFKYLAEPEDHYFLLTE PPLNTPENREYTAEIFESFNVPGLY IAVQAVLALAASWTSRQVGERTLTGTVIDSG DGVTHVIPVAEGYVIGSCIKHIPIAGRDITYFIQQLLRD REVGIPPEQSLETAKAVKER YSYVCPDLVKEFNKYDTDGSKWIKQYTGINAISKKEFSIDVGYERFLGPE IFFHPEFA NPDFTQPISEVVDEVIQNCPIDVRRPLYKNIVLSGGSTMFRDFGRRLQRDLKRTVDA RLKLS EELSGGRLKPKPIDVQVITHHMQRYAVWFGGSMLASTPEFYQVCHTKKDYE

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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

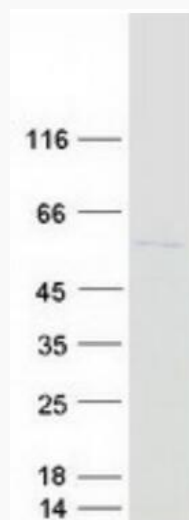
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MIM 604222

UniProt ID P61158



Coomassie blue staining of purified ACTR3 protein.

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