

Recombinant Human ACTR3 Protein, His-tagged

Cat. No. ACTR3-151H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human actin related protein 3(ACTR3), transcript variant 1(NM_005721), with a His tag, was expressed in human cells.
Species	Human
Source	Human 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	Purified protein formulated in a sterile solution of TBS buffer, pH7.20, without any preservatives.
Molecular Mass	47.2 kDa
Endotoxin	Endotoxin level is < 0.1 ng/g of protein (<1EU /g)
Purity	>90% by SDS-PAGE gel and Coomassie Blue staining
Applications	Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies.

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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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