

## Product datasheet for **TP308460**

### Arp3 (ACTR3) (NM\_005721) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ARP3 actin-related protein 3 homolog (yeast) (ACTR3), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208460 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MAGRLPACVWDCGTGYTKLGYAGNTEPQFIIPSCIAIKESAKVGDQAQRRVMKGVDDLDFFIGDEAIEKP  
TYATKWPIRHGIVEDWDLMERFMEQVIFKYLRAEPEDHYFLLTEPPLNTPENREYTAEIMFESFNVPGLY  
IAVQAVLALAASWTSRQVGERTLTGTVIDSGDGVTHVIPVAEGYVIGSCIKHIPIAGRDITYFIQQLLRD  
REVGPPEQSLETAKAVKERYSYVCPDLVKEFNKYD TDGSKWIKQYTGINAISKKEFSIDVGYERFLGPE  
IFFHPEFANPDFTQPISEWDEVIQNCPIDVRRPLYKNIVLSGGSTMFRDFGRRLQRDLKRTVDARLKLS  
EELSGGRLKPKPIDVQVITHHMQRVAVWFGGSMMLASTPEFYQVCHTKKDYEEIGPSICRHNPVFGVMS

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	47.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_005712</a>
Locus ID:	10096



[View online »](#)

UniProt ID: [P61158](#), [A0A024RAI1](#)

RefSeq Size: 5708

Cytogenetics: 2q14.1

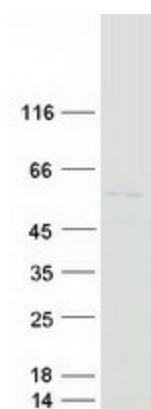
RefSeq ORF: 1254

Synonyms: ARP3

**Summary:** 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]

**Protein Families:** Druggable Genome

### Product images:



Coomassie blue staining of purified ACTR3 protein (Cat# TP308460). The protein was produced from HEK293T cells transfected with ACTR3 cDNA clone (Cat# [RC208460]) using MegaTran 2.0 (Cat# [TT210002]).