

Product datasheet for **TP309711M**

p21 ARC (ARPC3) (NM_005719) Human Recombinant Protein

Product data:

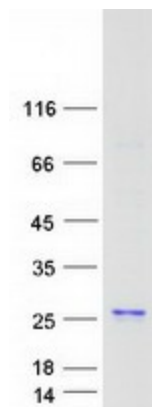
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human actin related protein 2/3 complex, subunit 3, 21kDa (ARPC3), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209711 protein sequence Red =Cloning site Green =Tags(s)
	<p>MPAYHSSLMDPDTKLIGNMALLPIRSQFKGPAPRETKDITDIVDEAIYYFKANVFFKNYEIKNEADRTLIY ITLYISECLKKLQKCNKSKSQGEKEMYTLGITNFPPIGEPGFPLNAIYAKPANKQEDEVMRAYLQQLRQET GLRLCEKVFDPQNDKPSKWWTCFVKRQFMNKSLSGPGQ</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	20.4 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:	NP_005710
Locus ID:	10094
UniProt ID:	O15145



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RefSeq Size:	962
Cytogenetics:	12q24.11
RefSeq ORF:	534
Synonyms:	ARC21; p21-Arc
Summary:	This gene encodes one of seven subunits of the human Arp2/3 protein complex. The Arp2/3 protein complex has been conserved through evolution and is implicated in the control of actin polymerization in cells. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Dec 2013]
Protein Pathways:	Fc gamma R-mediated phagocytosis, Pathogenic Escherichia coli infection, Regulation of actin cytoskeleton

Product images:



Coomassie blue staining of purified ARPC3 protein (Cat# [TP309711]). The protein was produced from HEK293T cells transfected with ARPC3 cDNA clone (Cat# [RC209711]) using MegaTran 2.0 (Cat# [TT210002]).