

Product datasheet for PH309711

p21 ARC (ARPC3) (NM_005719) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ARPC3 MS Standard C13 and N15-labeled recombinant protein (NP_005710)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209711
Predicted MW:	20.5 kDa
Protein Sequence:	>RC209711 protein sequence Red=Cloning site Green=Tags(s) MPAYHSSLMDPDTKLIGNMALLPIRSQFKGPAPRETKDTDIVDEAIYYFKANVFFKNYEIKNEADRTLIIY ITLYISECLKKLQKCNKSKSQGEKEMYTLGITNFPPIGEPGFPLNAIYAKPANKQEDEVMRAYLQQLRQET GLRLCEKVFDPQNDKPSKWWTCFVKRQFMNKSLSGPGQ TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_005710
RefSeq Size:	962
RefSeq ORF:	534
Synonyms:	ARC21; p21-Arc
Locus ID:	10094
UniProt ID:	O15145



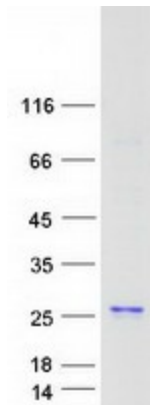
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Cytogenetics: 12q24.11

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]).