

Recombinant Human ARPC3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ARPC3-5659H **Lot. No.** (See product label)

SPECIFICATION

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| Product Overview | ARPC3 MS Standard C13 and N15-labeled recombinant protein (NP_005710) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells. |
| Species | Human |
| Source | HEK293 |
| Description | 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. |
| Molecular Mass | 20.5 kDa |
| AA Sequence | MPAYHSSLMDPDTKLIGNMALLPIRSQFKGPAPRETKDIDVDEAIYYFKANVFFKNY EIKNEADRTLIIYITLYISECLKKLQKCNSKSKSQGEKEMYTLGITNFPIPGEPGFPLNAIYA KPANKQEDEVMRAYLQQLRQETGLRLCEKVFDPPQNDKPSKWWTCFVKRQFMNKS LSGPGQTRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| Purity | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Stability | Stable for 3 months from receipt of products under proper storage and handling conditions. |

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| Storage | Store at -80 centigrade. Avoid repeated freeze-thaw cycles. |
| Concentration | 50 µg/mL as determined by BCA |
| Storage Buffer | 100 mM glycine, 25 mM Tris-HCl, pH 7.3. |

GENE INFORMATION

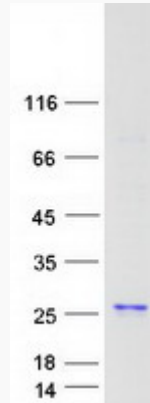
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|------------------------|--|
| Gene Name | ARPC3 actin related protein 2/3 complex subunit 3 [Homo sapiens (human)] |
| Official Symbol | ARPC3 |
| Synonyms | ARPC3; actin related protein 2/3 complex, subunit 3, 21kDa; actin related protein 2/3 complex, subunit 3 (21 kD); actin-related protein 2/3 complex subunit 3; ARC21; p21 Arc; arp2/3 complex 21 kDa subunit; ARP2/3 protein complex subunit p21; p21-Arc; |
| Gene ID | 10094 |
| mRNA Refseq | NM_005719 |
| Protein Refseq | NP_005710 |
| MIM | 604225 |
| UniProt ID | O15145 |

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SDS-PAGE



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