



# Recombinant Human Actin-related protein 2/3 complex subunit 3 (ARPC3)

<b>Product Code</b>	CSB-MP002128HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O15145
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	PAYHSSLMD PDTKLIGNMA LLPIRSQFKG PAPRETKDTD IVDEAIYYFK ANVFFKNYEI KNEADRTLII ITRYISECLK KLQKCNKSKSQ GEKEMYTLGI TNFPIPGEPG FPLNAIYAKP ANKQEDEVMR AYLQQLRQET GLRLCEKVFD PQNDKPSKWW TCFVKRQFMN KSLSGPGQ
<b>Source</b>	Mammalian cell
<b>Target Names</b>	ARPC3
<b>Protein Names</b>	Recommended name: Actin-related protein 2/3 complex subunit 3 Alternative name(s): Arp2/3 complex 21 kDa subunit Short name= p21-ARC
<b>Expression Region</b>	2-178
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	This gene encodes one of seven subunits of the human Arp2/3 protein complex. The Arp2/3 protein complex has been implicated in the control of actin polymerization in cells and has been conserved through evolution. The exact role of This protein, the p21 subunit, has yet to be determined.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.