Recombinant Human Actin-related protein 2/3 complex subunit 1A (ARPC1A)

Product Code	CSB-YP856421HU
Abbreviation	ARPC1A
Storage	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.
Uniprot No.	Q92747
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MSLHQFLLEP ITCHAWNRDR TQIALSPNNH EVHIYKKNGS QWVKAHELKE HNGHITGIDW APKSDRIVTC GADRNAYVWS QKDGVWKPTL VILRINRAAT FVKWSPLENK FAVGSGARLI SVCYFESEND WWVSKHIKKP IRSTVLSLDW HPNNVLLAAG SCDFKCRVFS AYIKEVDEKP ASTPWGSKMP FGQLMSEFGG SGTGGWVHGV SFSASGSRLA WVSHDSTVSV ADASKSVQVS TLKTEFLPLL SVSFVSENSV VAAGHDCCPM LFNYDDRGCL TFVSKLDIPK QSIQRNMSAM ERFRNMDKRA TTEDRNTALE TLHQNSITQV SIYEVDKQDC RKFCTTGIDG AMTIWDFKTL ESSIQGLRIM
Source	Yeast
Target Names	ARPC1A
Protein Names	Recommended name: Actin-related protein 2/3 complex subunit 1A Alternative name(s): SOP2-like protein
Expression Region	1-370
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	This gene encodes one of seven subunits of the human Arp2/3 protein complex. This subunit is a member of the SOP2 family of proteins and is most similar to the protein encoded by gene ARPC1B. The similarity between these two proteins suggests that they both may function as p41 subunit of the human Arp2/3 complex that has been implicated in the control of actin polymerization in cells. It is possible that the p41 subunit is involved in assembling and maintaining the structure of the Arp2/3 complex. Multiple versions of the p41 subunit may adapt the functions of the complex to different cell types or developmental stages.

Reconstitution	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.
Shelf Life	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.