



Recombinant Human Anaphase-promoting complex subunit 5 (ANAPC5)

Product Code	CSB-EP892130HU
Abbreviation	ANAPC5
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.	Q9UJX4
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MASVHESLYF NPMMTNGVVH ANVFGIKDWV TPYKIAVLVL LNEMSRTGEG AVSLMERRRL NQLLLPLLQG PDITLSKLYK LIEESCPQLA NSVQIRIKLM AEGELKDMEQ FFDDLSDSFS GTEPEVHKTS VVGLFLRHMI LAYSKLSFSQ VFKLYTALQQ YFQNGEKKT V EDADMELTSR DEGERKMEKE ELDVSVREEE VSCSGPLSQK QAEFFLSQQA SLLKNDETKA LTPASLQKEL NLLKFNPDF AEAHYLSYLN NLRVQDVFSS THSLLHYFDR LILTGAESKS NGEEGYGRSL RYAALNLAAL HCRFGHYQQA ELALQEAIRI AQESNDHVCL QHCLSWLYVL GQKRSDSYVL LEHSVKKAVH FGLPYLASLG IQSLVQQRAF AGKTANKLMD ALKDSDLLHW KHSLSLID I SIAQKTAIWR LYGRSTMALQ QAQMLLSMNS LEAVNAGVQQ NNTESFAVAL CHLAELHAEQ GCFAAASEVL KHLKERFPPN SQHAQLWMLC DQKIQFDRAM NDGKYHLADS LVTGITALNS IEGVYRKAVV LQAQNQMSEA HKLLQKLLVH CQKLNTEMV ISVLLSVAEL YWRSSSPTIA LPMLLQALAL SKEYRLQYLA SETVLNLAFA QLILGIPEQA LSLHMAIEP ILADGAILDK GRAMFLVAKC QVASAASYDQ PKKAEALEAA IENLNEAKNY FAKVDCKERI RDVVYFQARL YHTLGKTQER NRCAMLFRLQ HQELPSHGVP LINHL
Source	E.coli
Target Names	ANAPC5
Protein Names	Recommended name: Anaphase-promoting complex subunit 5 Short name= APC5 Alternative name(s): Cyclosome subunit 5
Expression Region	1-755
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 a tetratricopeptide repeat-containing component of the anaphase promoting complex/cyclosome (APC/C), a large E3 ubiquitin ligase



that controls cell cycle progression by targeting a number of cell cycle regulators such as B-type cyclins for 26S proteasome-mediated degradation through ubiquitination. The encoded protein is required for the proper ubiquitination function of APC/C and for the interaction of APC/C with transcription coactivators. It also interacts with polyA binding protein and represses internal ribosome entry site-mediated translation. Multiple transcript variants encoding different isoforms have been found for this gene. These differences cause translation initiation at a downstream AUG and result in a shorter protein (isoform b), compared to isoform a.

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.