



Recombinant Rat Beclin 1-associated autophagy-related key regulator (Atg14)

Product Code	CSB-MP012211RA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	D4A4K3
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	MASPSGKGSW TPEAPGFGPR ALAPDLVDSV DDAEGLYVAV ERCPLCNTTR RRLTCAKCVQ SGDFVYFDGR DRERFIDKKE RLSQLKNKQE EFQKEVLKAM EGKRLTDQLR WKIMSCKMRI EQLKQTICKG NEEMKKNSEG LLKNKEKNQK LYSRAQRHQE KKEKIQRHNR KLGDLVEKKT SDLREHYDRL ACLRRLHILE LTSVIFPMDE VKTSGRDPAD VSSETDSAMT SSMVSKLAEA RRTTYLSGRW VCDDHNGDTS ISITGPWISL PNNGDYSAYY NWVEEKTTQ GPDMEHNNPA YTISAALGYA TQLVNIVSHI LDINLPKKLC NSEFCGENLS KQRLTRAVRK LNANILYLCS SQHVNL DQLQ PLHTLRNLMH LVSPHSEHLG RSGPFEVRAD LEESMEFVDP GVAGESDVSG DERVSDEETD LGTDWENLPS PRFCDIPSQP VEVSQSQSTQ ASPPIASSSA GGMISAAAS VTSWFKAYTG HR
Source	Mammalian cell
Target Names	Atg14
Protein Names	Recommended name: Beclin 1-associated autophagy-related key regulator Short name= Barkor Alternative name(s): Autophagy-related protein 14-like protein Short name= Atg14L
Expression Region	1-492
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
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.