



Recombinant Rat Carboxypeptidase A1 (Cpa1)

Product Code	CSB-EP005875RA-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P00731
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	ALSTDSFNVA TYHTLDEIYE FMDLLVAEHP QLVSKIQIGN TFEGRPIHVL KFSTGGTNRP AIWIDTGIHS REWVTQASGV WFAKKITKDY GQDPTFTAVL DNMDIFLEIV TNPDGFAITH KTNRMWRKTR SHTQGSLCVG VDPNRNWDAG FGMAGASSNP CSETYRGKFP NSEVEVKSIV DFVTSHGNIK AFISIHSYSQ LLLYPYGYTS EPAPDQAELD QLAKSAVTAL TSLHGTFKFKY GSIIDTIYQA SGSTIDWTYS QGIKYSFTFE LRDTGLRGFL LPASQIIPTA EETWLALLTI MDHTVKHPY
Source	E.coli
Target Names	Cpa1
Protein Names	Recommended name: Carboxypeptidase A1 EC= 3.4.17.1
Expression Region	111-419
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 of Mature Protein
Target Details	Three different forms of human pancreatic procarboxypeptidase A have been isolated. This gene encodes a monomeric pancreatic exopeptidase involved in zymogen inhibition.
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.