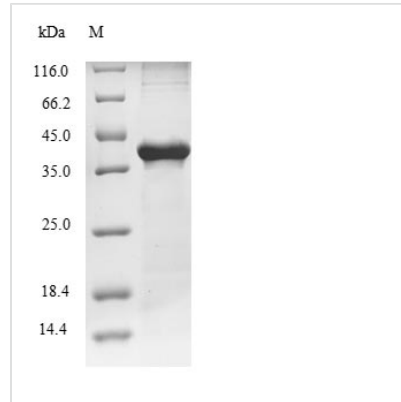




Recombinant Rat Carboxypeptidase A1 (Cpa1)

Product Code	CSB-EP005875RA
Relevance	Carboxypeptidase that catalyzes the release of a C-terminal amino acid, but has little or no action with -Asp, -Glu, -Arg, -Lys or -Pro.
Abbreviation	Recombinant Rat Cpa1 protein
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.	P00731
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥ 85% as determined by SDS-PAGE.
Sequence	ALSTDSFNATYHTLDEIYEFMDLLVAEHPQLVSKIQIGNTFEGRPIHVLKfstg GTNRPAIWIDTGIHSREWVTQASGVWFAKKITKDYGQDPTFTAVLDNMDIFLEI VTNPDGFAYTHKTNRMWRKTRSHTQGS�CVGVDPNRNWDAGFGMAGASSN PCSETYRGKFPNSEVEVKsIVDFVTSHGNIKAFISIHSYSQLLLYPYGYTSEPAP DQAELDQLAKSAVTALTS�HGTKFKYGSIIIDIYQASGSTIDWTYSQGIKYSFTF ELRDTGLRGFLLPASQIIPTAEETWLALLTIMDHTVKHPY
Research Area	Signal Transduction
Source	E.coli
Target Names	Cpa1
Protein Names	Cpa
Expression Region	111-419aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	39.6 kDa
Protein Length	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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

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