

Carboxypeptidase A1 (Cpa1) Recombinant Protein | Cpa1 recombinant protein

Recombinant Rat Carboxypeptidase A1 (Cpa1)

CATALOG #
AAA113435

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

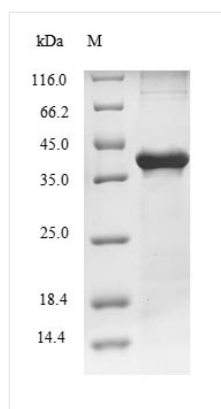
PRODUCT SYNONYMS

Carboxypeptidase A1 (Cpa1); Recombinant Rat Carboxypeptidase A1 (Cpa1); Carboxypeptidase A1; EC=3.4.17.1; Cpa1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	111-419aa; Full Length of Mature Protein
Sequence	ALSTDSFNYYA TYHTLDEIYE FMDLLVAEHP QLVSKIQIGN TFEGRPIHVL KFSTGGTNRP AIWIDTGIHS REWVTQASGV WFAKKITKDY GQDPTFTAVL DNMDIFLEIV TNPDGFAYTH KTNRMWRKTR SHTQGSLCVG VDPNRNWDAG FGMAGASSNP CSETYRGKFP NSEVEVKSIV DFVTSHGNK AFISHSYSQ LLLYPYGYTS EPAPDQAELD QLAKSAVTAL TSLHGTFKY GSIIDTIYQA SGSTIDWTYS QGIKYSFTFE LRDTGLRGFL LPASQIIPTA EETWLALLTI MDHTVKHPY
Sequence Length	419
Species	Rattus norvegicus (Rat)
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Coli host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Cpa1 recombinant protein	Carboxypeptidase that catalyzes the release of a C-terminal amino acid, but has little or no action with -Asp, -Glu, -Arg, -Lys or -Pro.
Product Categories/Family for Cpa1 recombinant protein	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	333033815
NCBI GeneID	24269
NCBI Accession #	NP_058694.2
NCBI GenBank Nucleotide #	NM_016998.3
UniProt Accession #	P00731
Molecular Weight	39.6 kDa
NCBI Official Full Name	carboxypeptidase A1 preproprotein
NCBI Official Synonym Full Names	carboxypeptidase A1 (pancreatic)
NCBI Official Symbol	Cpa1
NCBI Protein Information	carboxypeptidase A1
UniProt Protein Name	Carboxypeptidase A1
UniProt Gene Name	Cpa1
UniProt Synonym Gene Names	Cpa
UniProt Entry Name	CBPA1_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/cpa1-recombinant-protein-e-coli/113435>