

Carboxypeptidase A6 Recombinant Protein | CPA6 recombinant protein

Recombinant Human Carboxypeptidase A6

CATALOG # AAA18750	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Carboxypeptidase A6; Recombinant Human Carboxypeptidase A6; CPA6 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	130-437aa; Full Length of Mature Protein
Sequence	SLSGYNYEVY HSLEEIQNWM HHLNKTTHSGL IHMFSIGRSY EGRSLFILKL GRRSRLKRAV WIDCGIHARE WIGPAFCQWF VKEALLTYKS DPAMRKMLNH LYFYIMPVFN VDGYHFSWTN DRFWRKTRSR NSRFRCRGVD ANRNWKVKWC DEGASMHPCD DTYCGPFPESEPEVKAVANF LRKHRKHRA YLSFHAYAQM LLYPYSYKYA TIPNFRCVES AAYKAVNALQ SVYGVRYRYG PASTTLYVSS GSSMDWAYKN GIPYAFAFEL RDTGYFGFLL PEMLIKPTCT ETMLAVKNIT MHLLKKCP
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for CPA6 recombinant protein	May be involved in the proteolytic inactivation of enkephalins and neurotensin in some brain areas. May convert inactive angiotensin I into the biologically active angiotensin II.
Product Categories/Family for CPA6 recombinant protein	Signal Transduction
References	Identification and characterization of three members of the human metallocarboxypeptidase gene family.Wei S., Segura S., Vendrell J., Aviles F.X., Lanoue E., Day R., Feng Y., Fricker L.D.J. Biol. Chem. 277:14954-14964(2002) A peptidase gene in chromosome 8q is disrupted by a balanced translocation in a duane syndrome patient.Pizzuti A., Calabrese G., Bozzali M., Telvi L., Morizio E., Guida V., Gatta V., Stuppia L., Ion A., Palka G., Dallapiccola B.Invest. Ophthalmol. Vis. Sci. 43:3609-3612(2002) Novel genes expressed in hematopoietic stem/progenitor cells from myelodysplastic syndrome patients.Gu J., Huang Q., Yu Y., Xu S., Han Z., Fu G., Chen Z. Characterization of carboxypeptidase A6, an extracellular matrix peptidase.Lyons P.J., Callaway M.B., Fricker L.D.J. Biol. Chem. 283:7054-7063(2008) Substrate specificity of human carboxypeptidase A6.Lyons P.J., Fricker L.D.J. Biol. Chem. 285:38234-38242(2010) Carboxypeptidase A6 gene (CPA6) mutations in a recessive familial form of febrile seizures and temporal lobe epilepsy and in sporadic temporal lobe epilepsy.Salzmann A., Guipponi M., Lyons P.J., Fricker L.D., Sapio M., Lambercy C., Buresi C., Bencheikh B.O., Lahjouji F., Ouazzani R., Crespel A., Chaigne D., Malafosse A.Hum. Mutat. 33:124-135(2012)

NCBI AND UNIPROT INFORMATION

NCBI GI #	188536067
NCBI GeneID	57094
NCBI Accession #	NP_065094.3
NCBI GenBank Nucleotide #	NM_020361.4
UniProt Accession #	Q8N4T0; Q8NEX8; Q8TDE8; Q9NR19
Molecular Weight	52.2 kDa
NCBI Official Full Name	carboxypeptidase A6 preproprotein
NCBI Official Synonym Full Names	carboxypeptidase A6
NCBI Official Symbol	CPA6
NCBI Official Synonym Symbols	CPAH; ETL5; FEB11
NCBI Protein Information	carboxypeptidase A6
UniProt Protein Name	Carboxypeptidase A6
UniProt Gene Name	CPA6
UniProt Synonym Gene Names	CPAH
UniProt Entry Name	CBPA6_HUMAN

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://stage.aaabiotech.com/cpa6-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/18750>