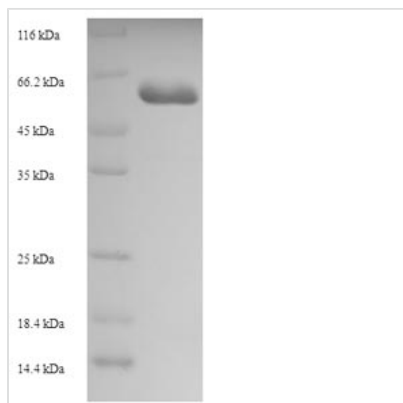




Recombinant Human Carboxypeptidase A6 (CPA6)

Product Code	CSB-EP005880HU
Relevance	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.
Abbreviation	Recombinant Human CPA6 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.	Q8N4T0
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	SLSGYNYEVYHSLEEIQNWMHHLNKTTHSGLIHMFSIGRSYEGRSLFILKLGRRS RLKRAVWIDCGIHAREWIGPAFCQWFVKEALLTYKSDPAMRKMLNHLYFYIMP VFNVGDGYHFSWTNDRFWRKTRSRNSRFRRCRGVDANRNWVKVWCDEGASM HPCDDTYCGPFPESEPEVKAVANFLRKHHRKHIRAYLSFHAYAQMMLYPYSYKY ATIPNFRCVESAAYKAVNALQSVYGVRYRYGPASTTLYVSSGSSMDWAYKNGI PYAFAFELRDTGYFGFLLPEMLIKPTCTETMLAVKNITMHLLKKCP
Research Area	Signal Transduction
Source	E.coli
Target Names	CPA6
Expression Region	130-437aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	52.2kDa
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

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.