

Recombinant Human Carboxypeptidase A6(CPA6)

Catalog No: #AP70185

Package Size: #AP70185-1 20ug #AP70185-2 100ug #AP70185-3 1mg

Description

Product Name	Recombinant Human Carboxypeptidase A6(CPA6)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:130-437aaSequence Info:Full Length
Accession No.	Q8N4T0
Calculated MW	52.2 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	SLSGYNYEVYHSLEEIQNWMHHLNKTHSGLIHMFSIGRSYEGRSLFILKLGRRSRLKRAVWIDCGIHAREWIGP AFCQWVFVKEALLTYKSDPAMRKMLNHLFYIMPVFNVGDYHFSWTNDRFWRKTRSRNSRFRCRGVDANRN WKVKWCDEGASMHPCDDTYCGPFPESEPEVKAVANFLRKHHRKHIRAYLSFHAYAQMMLYPYSYKYATIPNFR CVESAAYKAVNALQSVYGVRYRYGPASTTLYVSSGSSMDWAYKNGIPYAFAFELRDTGYFGFLLPEMLIKPTC TETMLAVKNITMHLLKKCP
Formulation	Tris-based buffer50% glycerol
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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

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.

References

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)Research Topic:Signal Transduction

Note: This product is for in vitro research use only and is not intended for use in humans or animals.