

CNDP1 Blocking Peptide (Center)

Synthetic peptide

Catalog # BP20621c

Specification

CNDP1 Blocking Peptide (Center) - Product Information

Primary Accession

[Q96KN2](#)**CNDP1 Blocking Peptide (Center) - Additional Information**

Gene ID 84735

Other Names

Beta-Ala-His dipeptidase, CNDP dipeptidase 1, Carnosine dipeptidase 1, Glutamate carboxypeptidase-like protein 2, Serum carnosinase, CNDP1, CN1, CPGL2

Target/Specificity

The synthetic peptide sequence is selected from aa 128-162 of HUMAN CNDP1

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CNDP1 Blocking Peptide (Center) - Protein InformationName CNDP1 ([HGNC:20675](#))

Synonyms CN1, CPGL2

Function

Catalyzes the peptide bond hydrolysis in Xaa-His dipeptides, displaying the highest activity toward carnosine (beta-alanyl-L- histidine) and anserine (beta-alanyl-3-methyl-histidine).

Cellular Location

Secreted.

Tissue Location

Found in serum and adult nervous central system. Absent in serum from patients with homocarnosinosis

CNDP1 Blocking Peptide (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

CNDP1 Blocking Peptide (Center) - Images**CNDP1 Blocking Peptide (Center) - References**

Chen J.M.,et al.Submitted (OCT-2001) to the EMBL/GenBank/DDBJ databases.

Janssen B.,et al.Diabetes 54:2320-2327(2005).

Clark H.F.,et al.Genome Res. 13:2265-2270(2003).

Nusbaum C.,et al.Nature 437:551-555(2005).

Lenney J.F.,et al.Clin. Chim. Acta 123:221-231(1982).