

## Recombinant Human CNDP2 Protein, His-tagged

Cat. No. CNDP2-805H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CNDP2 Protein (Val269-Asp475) with His tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Val269-Asp475
<b>Description</b>	CNDP2, also known as tissue carnosinase and peptidase A (EC 3.4.13.18), is a nonspecific dipeptidase rather than a selective carnosinase.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 26.9 kDa; Accurate Molecular Mass: 27 kDa
<b>Purity</b>	> 90%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Storage Buffer</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Reconstitution</b>	Reconstitute in PBS or others.

## GENE INFORMATION

<b>Gene Name</b>	CNDP2 CNDP dipeptidase 2 (metallopeptidase M20 family) [ Homo sapiens (human) ]
<b>Official Symbol</b>	CNDP2
<b>Synonyms</b>	CNDP2; CNDP dipeptidase 2 (metallopeptidase M20 family); PEPA, peptidase A; cytosolic non-specific dipeptidase; CN2; CPGL; cytosolic nonspecific dipeptidase (EC 3.4.13.18); FLJ10830; HsT2298; peptidase A; cytosolic nonspecific dipeptidase; glutamate carboxypeptidase-like protein 1; PEPA; FLJ35544;
<b>Gene ID</b>	55748
<b>mRNA Refseq</b>	NM_001168499
<b>Protein Refseq</b>	NP_001161971
<b>MIM</b>	169800
<b>UniProt ID</b>	Q96KP4

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA