

Recombinant Human CNDP2 Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human CNDP2 Protein (Val269-Asp475) with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Val269-Asp475
Description	CNDP2, also known as tissue carnosinase and peptidase A (EC 3.4.13.18), is a nonspecific dipeptidase rather than a selective carnosinase.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 26.9 kDa; Accurate Molecular Mass: 27 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	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.

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

GENE INFORMATION

Gene Name	CNDP2 CNDP dipeptidase 2 (metallopeptidase M20 family) [Homo sapiens (human)]
Official Symbol	CNDP2
Synonyms	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;
Gene ID	55748
mRNA Refseq	NM_001168499
Protein Refseq	NP_001161971
MIM	169800
UniProt ID	Q96KP4

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