Recombinant Human CNDP1 Protein, His-tagged

Cat. No. CNDP1-210H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CNDP1(Asp332~His507) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Asp332~His507
Description	This gene encodes a member of the M20 metalloprotease family. The encoded protein is specifically expressed in the brain, is a homodimeric dipeptidase which was identified as human carnosinase. This gene contains trinucleotide (CTG) repeat length polymorphism in the coding region.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	23.6kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	> 99%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.

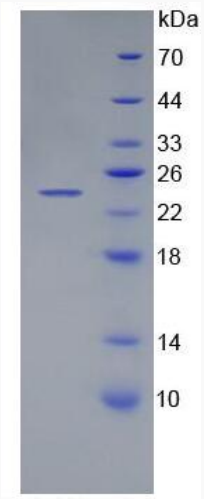
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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	CNDP1 carnosine dipeptidase 1 (metallopeptidase M20 family) [Homo sapiens]
Official Symbol	CNDP1
Synonyms	CNDP1; carnosine dipeptidase 1 (metallopeptidase M20 family); beta-Ala-His dipeptidase; carnosinase 1; CN1; CPGL2; glutamate carboxypeptidase like protein 2; HsT2308; MGC10825; serum carnosinase; CNDP dipeptidase 1; glutamate carboxypeptidase-like protein 2; MGC102737; MGC142072;
Gene ID	84735
mRNA Refseq	NM_032649
Protein Refseq	NP_116038
MIM	609064
UniProt ID	Q96KN2

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15% SDS-PAGE

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