

Recombinant Mouse Cndp2 Protein, His-tagged

Cat. No. Cndp2-806M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cndp2 Protein (Glu285-Asn475) with His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Glu285-Asn475
Description	Enables dipeptidase activity. Acts upstream of or within proteolysis. Predicted to be located in nucleoplasm. Predicted to be active in cytosol. Is expressed in several structures, including 1st branchial arch; ear; limb; nervous system; and urinary system. Orthologous to human CNDP2 (carnosine dipeptidase 2).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 24.9 kDa; Accurate Molecular Mass: 25 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

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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.

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) [Mus musculus (house mouse)]

Official Symbol

Cndp2

Synonyms

CNDP2; CNDP dipeptidase 2 (metallopeptidase M20 family); cytosolic non-specific dipeptidase; peptidase 1; peptidase A; cytosolic nonspecific dipeptidase; glutamate carboxypeptidase-like protein 1; Cn2; Pep1; Dip-2; Pep-1; C76600; 0610010E05Rik;

Gene ID

66054

mRNA Refseq

NM_023149

Protein Refseq

NP_075638

UniProt ID

Q9D1A2

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