

Recombinant Mouse Cndp2 Protein, Myc/DDK-tagged

Cat. No. Cndp2-2215M Lot. No. (See product label)

SPECIFICATION

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|-------------------------|--|
| Product Overview | Purified recombinant protein of mouse full-length CNDP dipeptidase 2 (metallopeptidase M20 family) (Cndp2), with C-terminal MYC/DDK tag, expressed in HEK293T cells. |
| Species | Mouse |
| Source | HEK293 |
| Description | Hydrolyzes a variety of dipeptides including L-carnosine but has a strong preference for Cys-Gly. Catalyzes the production of N-lactoyl-amino acids from lactate and amino acids by reverse proteolysis. |
| Molecular Mass | 52.8 kDa |
| Purity | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Stability | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| Storage | Store at -80 centigrade after receiving vials. |
| Concentration | >50 µg/mL as determined by microplate BCA method |
| Storage Buffer | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol. |

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

GENE INFORMATION

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|------------------------|---|
| 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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