

Product datasheet for TP300120L

CNDP2 (NM_018235) Human Recombinant Protein

Product data:

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|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human CNDP dipeptidase 2 (metallopeptidase M20 family) (CNDP2), 1 mg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC200120 protein sequence Red =Cloning site Green =Tags(s) |

MAALTTLFKYIDENQDRYIKKLAKWVAIQSVSAWPEKRGEIRRMMEVAAADVQQLGGSVELVDIGKQKLP
DGSEIPLPPILLGRLGSDPQKKTVCYGHLDVQPALEDGWDSEPFLLVERDGKLYGRGSTDDKGPVAGW
INALEAYQKTGQEIPVNVRFCLGMEESGSEGLDELIFARKDTFFKDVDYVCISDNWYLGKKKPCITYGL
RGICYFFIEVECSNKDLHSGVYGGSVHEAMTDLILLMGS�VDKRGNILIPGINEA VAAVTEEEHKLYDDI
DFDIEEFAKDVGAQILLHSHKDDILMHRWRYPSSLHGHIEGAFSGGAKTVIPRKVVGKFSIRLVPNMTP
E VVGEQVTSYLTKKFAELRSPNEFKVYMGHGGKPWVSDFSHPHYLAGRRAMKTVFGVEPDLTREGGSIPV
TLTFQEATGKNVMLLPVGSADDGAHSQNEKLNRYNYIEGTKMLAAYLYEVSQKLD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

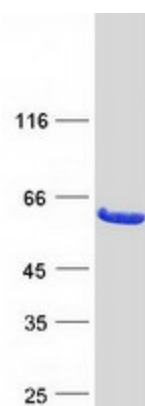
| | |
|----------------|--|
| Tag: | C-Myc/DDK |
| Predicted MW: | 52.7 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Preparation: | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |



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| | |
|-------------------|--|
| RefSeq: | NP_060705 |
| Locus ID: | 55748 |
| UniProt ID: | Q96KP4 |
| RefSeq Size: | 5089 |
| Cytogenetics: | 18q22.3 |
| RefSeq ORF: | 1425 |
| Synonyms: | CN2; CPGL; HEL-S-13; HsT2298; PEPA |
| Summary: | CNDP2, also known as tissue carnosinase and peptidase A (EC 3.4.13.18), is a nonspecific dipeptidase rather than a selective carnosinase (Teufel et al., 2003 [PubMed 12473676]). [supplied by OMIM, Mar 2008] |
| Protein Families: | Protease |

Product images:



Coomassie blue staining of purified CNDP2 protein (Cat# [TP300120]). The protein was produced from HEK293T cells transfected with CNDP2 cDNA clone (Cat# [RC200120]) using MegaTran 2.0 (Cat# [TT210002]).