

Product datasheet for TP300120

CNDP2 (NM_018235) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human CNDP dipeptidase 2 (metallopeptidase M20 family) (CNDP2), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200120 protein sequence Red =Cloning site Green =Tags(s)

MAALTTLFKYIDENQDRYIKKLAKWVAIQSVSAWPEKRGEIRRMMEVAAADVQKLGGSVELVDIGKQKLP
DGSEIPLPPILLGRLGSDPQKKTVCYGHLDVQPALEDGWDSEPFLLVERDGKLYGRGSTDDKGPVAGW
INALEAYQKTGQEIPVNVRFCLGMEESGSEGLDELIFARKDTFFKDVDYVCISDNWYLGKKKPCITYGL
RGICYFFIEVECSNKDLHSGVYGGSVHEAMTDLILLMGS�VDKRGNILIPGINEA VAAVTEEEHKLYDDI
DFDIEEFAKDVGAQILLHSHKDDILMHRWRYPSSLHGHIEGAFSGGAKTVIPRKVVGKFSIRLVPNMTP
E VVGEQVTSYLTKKFAELRSPNEFKVYMGHGGKPWVSDFSHPHYLGRRAMKTVFGVEPDLTREGGSIPV
TLTFQEATGKNVMLLPVGSADDGAHSQNEKLNRYNYIEGTKMLAAYLYEVSQKLD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

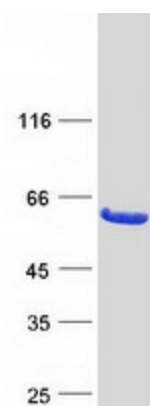
Tag:	C-Myc/DDK
Predicted MW:	52.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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]).