

Product datasheet for AR50739PU-N

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CNDP2 (1-475, His-tag) Human Protein

Product data:

Product Type: Recombinant Proteins

Description: CNDP2 (1-475, His-tag) human recombinant protein, 0.5 mg

Species: Human
Expression Host: E. coli

Expression cDNA Clone

or AA Sequence:

MGSSHHHHHH SSGLVPRGSH MGSMAALTTL FKYIDENQDR YIKKLAKWVA IQSVSAWPEK RGEIRRMMEV AAADVKQLGG SVELVDIGKQ KLPDGSEIPL PPILLGRLGS DPQKKTVCIY

GHLDVQPAAL EDGWDSEPFT LVERDGKLYG RGSTDDKGPV AGWINALEAY QKTGQEIPVN VRFCLEGMEE SGSEGLDELI FARKDTFFKD VDYVCISDNY WLGKKKPCIT YGLRGICYFF IEVECSNKDL

HSGVYGGSVH EAMTDLILLM GSLVDKRGNI LIPGINEAVA AVTEEEHKLY DDIDFDIEEF AKDVGAQILL

HSHKKDILMH RWRYPSLSLH GIEGAFSGSG AKTVIPRKVV GKFSIRLVPN MTPEVVGEQV TSYLTKKFAE LRSPNEFKVY MGHGGKPWVS DFSHPHYLAG RRAMKTVFGV EPDLTREGGS IPVTLTFQEA TGKNVMLLPV GSADDGAHSQ NEKLNRYNYI EGTKMLAAYL YEVSQLKD

Tag: His-tag

Predicted MW: 55.3 kDa

Concentration: lot specific

Purity: >90% by SDS - PAGE

Buffer: Presentation State: Purified

State: Liquid purified protein

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol, 1 mM DTT

Preparation: Liquid purified protein

Protein Description: Recombinant human CNDP2 protein, fused to His-tag at N-terminus, was expressed in E.coli

and purified by using conventional chromatography techniques.

Storage: Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid

repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

RefSeq: NP 001161971

Locus ID: 55748

UniProt ID: Q96KP4, Q96KP4-2



CNDP2 (1-475, His-tag) Human Protein - AR50739PU-N

Cytogenetics: 18q22.3

Synonyms: CN2; CPGL; HEL-S-13; HsT2298; PEPA

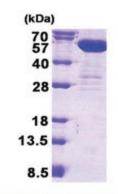
Summary: CNDP2, also known as tissue carnosinase and peptidase A (EC 3.4.13.18), is a nonspecific

dipeptidase rather than a selective carnosinase (Teufel et al., 2003 [PubMed 12473676]).

[supplied by OMIM, Mar 2008]

Protein Families: Protease

Product images:



15% SDS-PAGE (3ug)