

Product datasheet for **AR50739PU-S**

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

Product data:

Product Type:	Recombinant Proteins
Description:	CNDP2 (1-475, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMAALTTL FKYIDENQDR YIKKLAKWVA IQSVSAWPEK RGEIRRMMEV AAADVQLGG SVELVDIGKQ KLPDGSEIPL PPILLGRLGS DPQKKTVCIIY GHLDVQPAAL EDGWDSEPFT LVERDGKLYG RGSTDDKGPV AGWINALEAY QKTGQEIPVN VRFCLGMEE SGSEGLDELI FARKDTFFKD VDYVCISDNY WLGKKKPCIT YGLRGICYFF IEVECSNKDL HSGVYGGSVH EAMTDLILLM GSLVDKRGNI LIPGINEAVA AVTEEEHKLY DDIDFDIEEF AKDVGAQILL HSHKKDILMH RWRYPSSLH GIEGAFSGSG AKTVIPRKVV GKFSIRLVPN MTPEVVGEEQV TSYLTKKFAE LRSNPFKVV MGHGGKPVWS DFSHPHYLAG RRAMKTVFGV EPDLTREGGS IPVTLTFQEA TGKNVMLLPV GSADDGAHSQ NEKLNRYNYI EGTKMLAAYL YEVSQKLD
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



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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:

