

Product datasheet for **TP720368M**

CNDP1 (NM_032649) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human carnosine dipeptidase 1 (metallopeptidase M20 family) (CNDP1)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	Pro28-His507
Tag:	C-His
Predicted MW:	54.9 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	< 0.1 EU per µg protein as determined by LAL test
Storage:	Store at -80°C.
Stability:	Stable for at least 3 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_116038
Locus ID:	84735
UniProt ID:	Q96KN2
Cytogenetics:	18q22.3
Synonyms:	CN1; CPGL2; HsT2308
Summary:	This gene encodes a member of the M20 metalloprotease family. The encoded protein is specifically expressed in the brain, is a homodimeric dipeptidase which was identified as human carnosinase. This gene contains trinucleotide (CTG) repeat length polymorphism in the coding region. [provided by RefSeq, Jul 2008]
Protein Families:	Protease, Secreted Protein
Protein Pathways:	beta-Alanine metabolism, Histidine metabolism, Metabolic pathways



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Product images:

