

Recombinant Human CNDP1 Protein, GST-tagged

Cat. No. CNDP1-1552H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CNDP1 full-length ORF (NP_116038.4, 1 a.a. - 507 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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]
Molecular Mass	83.1 kDa
AA Sequence	MDPKLGRMAASLLAVLLLLLLERGMFSSPSPPPALLEKVQYIDLHQDEFVQTLKEWV AIESDSVQPVPFRFRQELFRMMAVAADTLQRLGARVASVDMGPQQLPDGQSLPIPPV ILAELGSDPTKGTVCFYGHLDVQPADRGDGLWTDYPVLTVDGKLYGRGATDNKGP VLAWINAVSAFRALEQDLPVNIKFIEGMEEAGSVALEELVEKEKDRFFSGVDYIVISD NLWISQRKPAITYGTRGNSYFMVEVKCRDQDFHSGTFGGILHEPMADLVALLGSLVD SSGHILVPGIYDEVVPLTEEEINTYKAIHLDLEEYRNSSRVEKFLFDTKEEILMHLWRY PSLSIHGIEGAFDEPGTKTVIPGRVIGKFSIRLVPHMNVSAVEKQVTRHLEDVFSKRN SSNKMVVSMTLGLHPWIANIDDTQYLAAKRAIRTVFGTEPDMIRDGSTIPIAKMFQEIV HKSVVLIPLGAVDDGEHSQNEKINRWNYIEGTKLFAAFFLEMAQLH
Applications	Enzyme-linked Immunoabsorbent Assay

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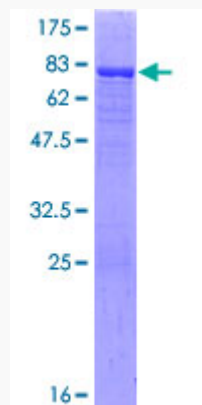
 45-1 Ramsey Road, Shirley, NY 11967, USA

	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	CNDP1 carnosine dipeptidase 1 (metallopeptidase M20 family) [Homo sapiens]
Official Symbol	CNDP1
Synonyms	CNDP1; carnosine dipeptidase 1 (metallopeptidase M20 family); beta-Ala-His dipeptidase; carnosinase 1; CN1; CPGL2; glutamate carboxypeptidase like protein 2; HsT2308; MGC10825; serum carnosinase; CNDP dipeptidase 1; glutamate carboxypeptidase-like protein 2; MGC102737; MGC142072;
Gene ID	84735
mRNA Refseq	NM_032649
Protein Refseq	NP_116038
MIM	609064
UniProt ID	Q96KN2

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Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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