Recombinant Human CNDP1 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. CNDP1-335H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CNDP1 MS Standard C13 and N15-labeled recombinant protein (NP_116038) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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	56.8 kDa
AA Sequence	MDPKLGRMAASLLAVLLLLLLERGMFSSPSPPPALLEKVFQYIDLHQDEFVQTLKEW VAIESDSVQPVPRFRQELFRMMAVAADTLQRLGARVASVDMGPQQLPDGQSLPIPP VILAELGSDPTKGTVCFYGHLDVQPADRGDGWLTDPYVLTEVDGKLYGRGATDNKG PVLAWINAVSAFRALEQDLPVNIKFIIEGMEEAGSVALEELVEKEKDRFFSGVDYIVIS DNLWISQRKPAITYGTRGNSYFMVEVKCRDQDFHSGTFGGILNEPMADLVALLGSLV DSSGHILVPGIYDEVVPLTEEEINTYKAIHLDLEEYRNSSRVEKFLFDTKEEILMHLWR YPSLSIHGIEGAFDEPGTKTVIPGRVIGKFSIRLVPHMNVSAVEKQVTRHLEDVFSKR NSSNKMVVSMTLGLHPWIANIDDTQYLAAKRAIRTVFGTEPDMIRDGSTIPIAKMFQEI VHKSVVLIPLGAVDDGEHSQNEKINRWNYIEGTKLFAAFFLEMAQLHTRTRPLEQKLI

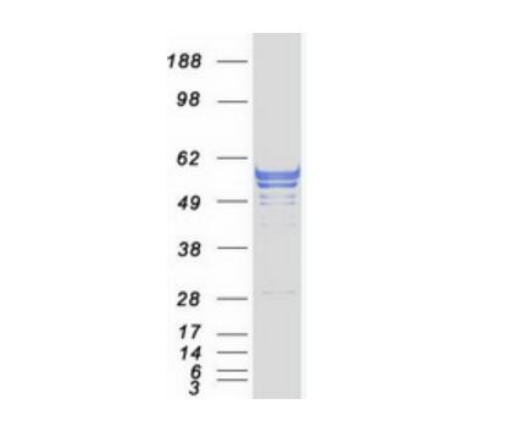
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	SEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	CNDP1 carnosine dipeptidase 1 (metallopeptidase M20 family) [Homo sapiens (human)]
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

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MIM	609064
UniProt ID	Q96KN2
SDS-PAGE	

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