



Recombinant Human Beta-Ala-His dipeptidase (CNDP1)

Product Code	CSB-EP836242HU
Abbreviation	CNDP1
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q96KN2
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	SPSP PPALLEKVFQ YIDLHQDEFV QTLKEWVAIE SDSVQPVPRF RQELFRMMAV AADTLQRLGA RVASVDMGPQ QLPDGGQSLPI PPIILAEELGS DPTKGTVCFY GHLDVQPADR GDGWLTPYV LTEVDGKLYG RGATDNKGPV LAWINAVSAF RALEQDLPVN IKFIIEGMEE AGSVALEELV EKEKDRFFSG VDYIVISDNL WISQRKPAIT YGTRGNSYFM VEVKCRDQDF HSGTFFGILH EPMADLVALL GSLVDSSGHI LVPGIYDEVV PLTEEEINTY KAIHLDLEEY RNSSRVEKFL FDTKEEILMH LWRYPSLSIH GIEGAFDEPG TKTVIPGRVI GKFSIRLVPH MNVSAVEKQV TRHLEDVFSK RNSSNKMVVS MTLGLHPWIA NIDDTQYLAA KRAIRTVFGT EPDMIRDGST IPIAKMFQEI VHKSIVLIPL GAVDDGEHSQ NEKINRWNYI EGTKLFAAFF LEMAQLH
Source	E.coli
Target Names	CNDP1
Protein Names	Recommended name: Beta-Ala-His dipeptidase EC= 3.4.13.20 Alternative name(s): CNDP dipeptidase 1 Carnosine dipeptidase 1 Glutamate carboxypeptidase-like protein 2 Serum carnosinase
Expression Region	27-507
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final



concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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