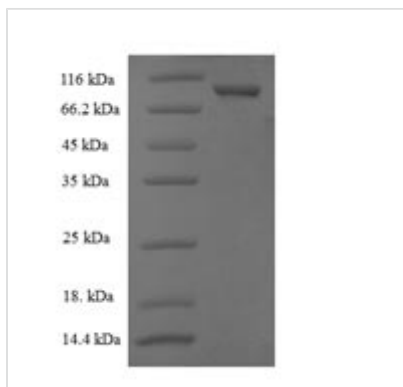




Recombinant Human Cytosolic non-specific dipeptidase (CNDP2)

Product Code	CSB-EP856967HU
Relevance	Hydrolyzes a variety of dipeptides including L-carnosine but has a strong preference for Cys-Gly. Isoform 2 may be play a role as tumor suppressor in hepatocellular carcinoma (HCC) cells.
Abbreviation	Recombinant Human CNDP2 protein
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.	Q96KP4
Alias	CNDP dipeptidase 2;Glutamate carboxypeptidase-like protein 1;Peptidase A
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	AALTTLFKYIDENQDRYIKKLAKWVAIQSVSAWPEKRGEIRRMMEVAAADVQK LGGSVELVDIGKQKLPDGGSEIPLPILLGRLGSDPQKKTVCYIGHLDVQPAALE DGWDSEPFLLVERDGLYGRGSTDGKGPVAGWINALEAYQKTGQEIPVNVRF CLEGMEESEGSEGLDELIFARKDTFFKDVDYVCISDNYWLGKKKPCITYGLRGIC YFFIEVECSNKDLHSGVYGGSVHEAMTDLILLMGS�VDKRGNILIPGINEA VAAV TEEEHKLYDDIDFDIEEFAKDVGAQILLHSHKKDILMHRWRYPSSLHIGIEGAFS GSGAKTVIPRKVVGKFSIRLVPNMTPEVVGEQVTSYLTKKFAELRSPNEFKVY MGHGGKPPWVSDFSHPHYLAGRRAMKTVFGVEPDLTREGGSIPVTLTFQEATG KNVMLLPVGSADDGAHSQNEKLNRYNYIEGTKMLAAYLYEVSQKLD
Research Area	Cell Biology
Source	E.coli
Target Names	CNDP2
Expression Region	2-475aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	56.7kDa
Protein Length	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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

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.