

Recombinant Human CPN2 protein, His-tagged

Cat. No. CPN2-2222H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CPN2 protein(P22792)(22-545aa), fused with C-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	22-545aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	59.2 kDa
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
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.

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AA Sequence

CPMGCDCFVQEVFCSDEELATVPLDIPPYTKNIIFVETSFTTLETRAFGSNPNLTKVV
 FLNTQLCQFRPDAFGGLPRLEDLEVTGSSFLNLSTNIFSNLTSLGKLTNFMLEALP
 EGLFQHLLAALESHLQGNQLQALPRRLFQPLTHLKTNLNAQNLLAQLPEELFHPLTSL
 QTLKLSNNALSGLPQGVFGKLGSLQELFLDSNNISELPPQVFSQLFCLERLWLQRNA
 ITHLPLSIFASLGNLTFLSLQWNMLRVLPAGLFAHTPCLVGLSLTHNQLETVAEGTFA
 HLSNLRSLMLSNAITHLPAGIFRDLEELVKLYLGSNNLTALHPALFQNLKLELLSLS
 KNQLTTLPEGIFDTNYNLFNLALHGNPWQCDCHLAYLFWLQQYTDRLLNIQTYCAG
 PAYLKGQVVPALNEKQLVCPVTRDHLGFQVTPWDESKAGGSWDLAVQERAARSQ
 CTYSNPEGTVVLACDQAQCRWLVQLSPQQGSLGLQYNASQEWDLRSSCGSLRL
 TVSIEARAAGP

GENE INFORMATION

Gene Name CPN2 carboxypeptidase N, polypeptide 2 [Homo sapiens]

Official Symbol CPN2

Synonyms CPN2; carboxypeptidase N, polypeptide 2; ACBP, carboxypeptidase N, polypeptide 2, 83kD; carboxypeptidase N subunit 2; carboxypeptidase N 83 kDa chain; carboxypeptidase N large subunit; carboxypeptidase N regulatory subunit; carboxypeptidase N, polypeptide 2, 83kD; arginine carboxypeptidase (carboxypeptidase N); ACBP;

Gene ID 1370

mRNA Refseq NM_001080513

Protein Refseq NP_001073982

MIM 603104

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UniProt ID

P22792

SDS-PAGE



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